

48

Access DB#

104340

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: John B. Walsh Examiner #: 3661 Date: 9/23/03  
 Art Unit: 3676 Phone Number 305-0444 Serial Number: 091977629  
 Mail Box and Bldg/Room Location: PK5-2403 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Elastomeric grips for personal care products

Inventors (please provide full names): William Brown

Helge Zimmer

Earliest Priority Filing Date: 10/15/01

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

a grip to a handle comprises a sheath having a hardness greater

than a core.

Attached: Copy of claims  
One sheet of drawings

\*\*\*\*\*

## STAFF USE ONLY

Type of Search		Vendors and cost where applicable
Searcher: <u>3661</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog <u>430 00</u>
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Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: <u>9/23/03</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 104549

To: John Walsh  
Location: PK5 2U03  
Art Unit : 3676  
Thursday, September 25, 2003  
  
Case Serial Number: 09/977629

From: Karen Lehman  
Location: EIC 3600  
PK5-Suite 804  
Phone: 306-5783  
  
karen.lehman@uspto.gov

### Search Notes

John,

I didn't have a whole lot of luck with this search. I keep coming up with the opposite combination—soft exterior hard core.

If you can think of any way to re-run it please let me know.

show files

File 16:Gale Group PROMT(R) 1990-2003/Sep 24  
(c) 2003 The Gale Group  
File 20:Dialog Global Reporter 1997-2003/Sep 25  
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File 47:Gale Group Magazine DB(TM) 1959-2003/Sep 24  
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File 148:Gale Group Trade & Industry DB 1976-2003/Sep 25  
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File 275:Gale Group Computer DB(TM) 1983-2003/Sep 24  
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File 319:Chem Bus NewsBase 1984-2003/Sep 25  
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File 340:CLAIMS(R)/US Patent 1950-03/Sep 23  
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File 347:JAPIO Oct 1976-2003/May(Updated 030902)  
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File 348:EUROPEAN PATENTS 1978-2003/Sep W02  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20030918,UT=20030911  
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(c) 1987-1997 SEC Online Inc.  
File 570:Gale Group MARS(R) 1984-2003/Sep 25  
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File 619:Asia Intelligence Wire 1995-2003/Sep 24  
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File 636:Gale Group Newsletter DB(TM) 1987-2003/Sep 24  
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File 652:US Patents Fulltext 1971-1975  
(c) format only 2002 The Dialog Corp.  
File 654:US Pat.Full. 1976-2003/Sep 18  
(c) Format only 2003 The Dialog Corp.  
File 710:Times/Sun.Times(London) Jun 1988-2003/Sep 23  
(c) 2003 Times Newspapers  
File 714:(Baltimore) The Sun 1990-2003/Sep 23  
(c) 2003 Baltimore Sun  
File 781:ProQuest Newsstand 1998-2003/Sep 25  
(c) 2003 ProQuest Info&Learning  
File 990:NewsRoom Current 2003/Sep 25  
(c) 2003 The Dialog Corp.  
File 994:NewsRoom 2001  
(c) 2003 The Dialog Corporation  
File 995:NewsRoom 2000  
(c) 2003 The Dialog Corporation

? ds

Set	Items	Description
S1	5960362	(GRIP OR GRIPS OR HANDLE OR HANDLES OR BUSH? ? OR RAKE? OR TOOTHBRUSH?)
S2	13341146	HARD? OR STRONGER?
S3	10769135	EXERIOR? OR SEATH? OR COVER?
S4	14339603	SOFT? OR FLEXIB? OR ELAST?
S5	10440527	INTERIOR OR CORE OR INSIDE?
S6	87	S1(7N)S2(7N)S3(7N)S4(7N)S5

S7

86 RD (unique items)

5.44 Estimated total session cost 21.179 DialUnits  
\$247.99 Estimated total session cost 15.083 DialUnits

\$321.65 Estimated total session cost 24.957 DialUnits

Logoff: level 03.02.02 D 09:54:07

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(c)2003 The Gale Group  
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File 340:CLAIMS(R)/US Patent 1950-03/Sep 23  
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(c) 2003 European Patent Office  
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(c) 2003 Thomas Publishing Co.  
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(c) 1987-1997 SEC Online Inc.  
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(c) 2003 The Gale Group  
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(c) format only 2002 The Dialog Corp.  
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(c) Format only 2003 The Dialog Corp.  
File 710:Times/Sun.Times(London) Jun 1988-2003/Sep 23  
(c) 2003 Times Newspapers  
File 714:(Baltimore) The Sun 1990-2003/Sep 23  
(c) 2003 Baltimore Sun  
File 781:ProQuest Newsstand 1998-2003/Sep 25  
(c) 2003 ProQuest Info&Learning  
File 990:NewsRoom Current 2003/Sep 25  
(c) 2003 The Dialog Corp.  
File 994:NewsRoom 2001  
(c) 2003 The Dialog Corporation  
File 995:NewsRoom 2000  
(c) 2003 The Dialog Corporation  
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S4	14339603	SOFT? OR FLEXIB? OR ELAST?
S5	10440527	INTERIOR OR CORE OR INSIDE?
S6	87	S1(7N) S2(7N) S3(7N) S4(7N) S5

S7  
?

86 RD (unique items)

S7 86 RD (unique items)  
? t 7/3,k/all

7/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

03177145 Supplier Number: 44344478 (USE FORMAT 7 FOR FULLTEXT)  
**Cosmetic Storage Broadens Scope**  
HFD-The Weekly Home Furnishings Newspaper, p88  
Jan 10, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 343

... items shrink-wrapped to the top of the organizers.  
For 1994, Sassaby has taken its \*hard\* outside, \*soft\* \*inside\* organizer concept to new levels. The company will introduce a three-SKU assortment of fabric -\*covered\*, \*hard\*-sided organizers as well as a \*handle\*-strapped \*soft\* box. Fabrics will run from bold floral to abstract prints.

Caboodles has revised its tackle...

7/3,K/2 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

06611088 SUPPLIER NUMBER: 105476547 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
)  
**Living younger longer.**  
IDEA Health & Fitness Source, 21, 7, S24(4)  
July-August, 2003  
ISSN: 1096-8156 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1385 LINE COUNT: 00149

... This 4 lb. 2 foot long bar is ideal for single-arm resistance exercise movements, \*core\* muscle development, \*flexibility\* training, and yoga exercise activities. The Mini Body Bar(R) is a solid steel bar \*covered\* in easy-\*grip\* rubber with secure rubber end-caps that will not scratch or scuff \*hardwood\* floors. One free Instruction Chart per order.

Item# MBB

Quantity Price Each

1-23 \$23...

7/3,K/3 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09839537 SUPPLIER NUMBER: 19736893 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Optimism prevails in Italy. (Italian rubber processors and suppliers) (includes related article on Plast 97 exhibit)**  
White, Liz  
European Rubber Journal, v179, n6, p18(3)



June, 1997

ISSN: 0266-4151

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2452

LINE COUNT: 00197

... and over-moulding in multi-material combinations.

...into TPE overmoulding

The picture shows a vehicle \*interior\* \*handle\* produced by this technology on a Battenfeld BM machine. The '\*hard\*-\*soft\*' \*handle\* has a foamed PP \*interior\* \*covered\* with a TPR skin. A third injection unit can be added, giving true three-component...

**7/3,K/4 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

08399997 SUPPLIER NUMBER: 16594105 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**1996 Taurus and Sable: Ford's attempt to recapture the mid-size laurels**

**enters an elliptical orbit. (Ford Motor Company)**

Sawyer, Christopher A.

Automotive Industries, v175, n2, p152(3)

Feb, 1995

ISSN: 0273-656X

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1540

LINE COUNT: 00121

... Improvements were then made in each area.

The tactile changes centered around the replacement of \*hard\* surface parts with \*softer\* pieces. For example, both the instrument panel and door trim panels have \*soft\* coverings, as do the glovebox door and steering column \*cover\*. The IP itself uses a "cast skin" process that simulates the appearance, feel and gloss of leather. In addition, pieces like the seat recliner \*handle\* and column shift lever have \*softer\* surfaces (the shift lever is \*covered\* in vinyl), and the grain and gloss level of \*interior\* plastic parts were modified to make them look softer.

Like Mustang and Windstar, Taurus and...

**7/3,K/5 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05791542 SUPPLIER NUMBER: 11863320 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Poles. ('92 Retailer's Buying Guide) (Buyers Guide)**

Knize, Perri

STN, Skiing Trade News, v16, n4, p75(2)

Feb, 1992

DOCUMENT TYPE: Buyers Guide

ISSN: 1040-1229

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1493

LINE COUNT: 00126

... and more precise turns, and alleviates wrist and arm fatigue.

Scott is introducing a new \*grip\* this year, the \*Hard\*-\*Core\* \*Soft\*, which is anatomically molded with a rigid \*interior\* \*covered\* by cushy thermo-plastic rubber. The \*Hard\*-\*Core\* \*Soft\* is said to stay \*soft\* even in cold weather. The Limited Edition (\$80) is a pole with the new \*grip\*.

TOMIC

Tomic Golf & Ski Mfg.

(310) 534-2532

23102 Mariposa Ave.

(800) 678-6642

Torrance...

7/3,K/6 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01306023 SUPPLIER NUMBER: 07521350 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
A catalog of catalogs: a brief look at cable people's catalogs and, thus,  
their products. (Cabling) (directory)  
Teleconnect, v7, n8, p110(9)  
August, 1989  
DOCUMENT TYPE: directory ISSN: 0740-9354 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2598 LINE COUNT: 00212

... speed drill bit to the line. What really makes Diversibit's  
products useful is the \*flexible\* shaft that lets the installer go \*inside\*  
\*covered\* walls (and other \*hard\* to reach places) to retrieve wire. The  
high speed bit is set in a \*grip\* which allows the bit to turn without  
twisting the wire. Obviously, a stroke of genius...

7/3,K/7 (Item 1 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3882392  
M/(A1) SCRAPER WITH STOWABLE FILE  
(B) SCRAPER WITH STOWABLE FILE  
Inventors: Gringer Donald (US)  
Assignee: (A1) Unassigned Or Assigned To Individual  
Assignee: (B) Unassigned Or Assigned To Individual  
Assignee Code: (A1) 68000; (B) 68000

	Kind	Publication Number	Date	Application Number	Date
	A1	US 20030110570	20030619	US 200121841	20011213
	B	US 6568087	20030527	US 200121841	20011213
Priority Applic:				US 200121841	20011213

Non-exemplary Claims: ...3. The scraper of claim 2, said \*handle\*  
comprising a \*hard\* thermoplastic \*core\* and a molded around  
\*elastomeric\* \*cover\*.

7/3,K/8 (Item 2 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3774664 4438511  
M/ERGONOMIC HANDLE PRY BAR  
Inventors: Lawless John C (US)  
Assignee: Mayhew Steel Products Inc

	Kind	Publication Number	Date	Application Number	Date
	B	US 6471186	20021029	US 2001750	20011024
Priority Applic:				US 2001750	20011024

Calculated Expiration: 20211024

Karen Lehman EIC 3600 25-Sep-03

Abstract: The pry bar has an ergonomic \*handle\* with a convex upper \*grip\* surface and a concave lower \*grip\* with an inner \*hard\* thermoplastic \*core\* and an outer \*elastomeric\* molded over \*cover\*, with the pry bar metal shank having an angularly disposed pry end. The curved upper \*grip\* surface portion is more distant from the handle longitudinal axis than the curved lower grip surface portion. The upper grip surface is formed with a distally disposed \*elastomeric\* ribbed thumb receiving recess. The handle sides are formed with elongated outwardly bulging palm engaging...

Non-exemplary Claims: ...22. The \*handle\* of claim 21, said \*handle\* further comprising a \*hard\* thermoplastic \*core\* and an outer \*softer\* \*elastomeric\* integral \*cover\*.

7/3,K/9 (Item 3 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3396370 4153597

**M/TOOL HANDLE**

Inventors: Bergkvist Hakan (SE); Himbert Hans (SE); Jansson Conny (SE)

Assignee: Sandvik AB SE

Assignee Code: 73941

	Kind	Publication Number	Date	Application Number	Date
	A	US 6128808	20001010	US 98142611	19981207
		(Cited in 001 later patents)			
PCT:		WO 9733724	19970918	WO 97SE423	19970312
				Section 371:	19981207
				Section 102(e):	19981207
Priority Applic:				SE 96986	19960315

Calculated Expiration: 20170312

Abstract: \*Handle\* for tools such as screwdrivers, comprising a \*core\* of \*hard\* plastic material around a metal shaft and a gripping surface (14) of \*soft\* material \*covering\* parts of the \*core\*, where the \*core\* within the regions covered by the gripping surface is made with a multitude of protruding...

**Exemplary Claim: D R A W I N G**

1. \*Handle\* for tools, comprising a \*core\* of \*hard\* plastic material adapted to be attached around a metal shaft and a gripping surface of \*soft\* material \*covering\* parts of the \*core\*, characterized by having the \*core\* within the regions covered by the gripping surface made with a multitude of protruding lower...

7/3,K/10 (Item 4 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

(c) 2003 IFI/CLAIMS(R). All rts. reserv.

2893633 3767134

**M/COMPOSITE METAL AND PLASTIC HANDLE**

Inventors: Howie Robert K Jr (US)

Assignee: Grigoleit Co The

Assignee Code: 08550

	Kind	Publication Number	Date	Application Number	Date
	A	US 5675867	19971014	US 95435581	19950505
		(Cited in 001 later patents)			
Priority Applic:				US 95435581	19950505

Calculated Expiration: 20150505

Legal Status: **EXPIRED**

(See File 123 for legal status details)

Abstract: A composite \*handle\* for a household appliance having a hollow metal \*core\* and an outer \*covering\* of a thermoplastic which \*covering\* may be \*soft\* or \*hard\*. The hollow metal \*core\* includes a hollow tubular center portion and flattened, channel-shaped legs and feet extending from ...

7/3,K/11 (Item 5 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

2096351 9025384

**C/METHOD OF FULLY CUSHIONING PULL STRAP HANDLE**

Inventors: Licus John J (US)

Assignee: Voplex Corp.

Assignee Code: 89811 (REASSIGNED - See file 123 for details)

	Kind	Publication Number	Date	Application Number	Date
	A	US 4971645	19901120	US 89400886	19890830
		(Cited in 003 later patents)			
Priority Applic:				US 89400886	19890830

Calculated Expiration: 20090830

Legal Status: **EXPIRED**

(See File 123 for legal status details)

Exemplary Claim: ...W I N G

1. A method of forming a seam in a fully cushioned, \*soft\* feel strap \*handle\*, said method comprising: a. arranging a \*hard\* metallic backing bar between the outside of a foamed resin cushion encircling a strap for said \*handle\* and the \*inside\* of overlapped edges of a resin \*cover\* wrapped around said cushion so that edges of said \*cover\* overlap each other over said backing bar, said overlapped cover edges being spaced from said...

7/3,K/12 (Item 6 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

1265532 2023831

**M/SPREADING TOOL**

Inventors: PEDROSO RAUL I (US); PEDROSO ROSA M (US)

Assignee: UNASSIGNED OR ASSIGNED TO INDIVIDUAL

Assignee Code: 68000

Publication Application

Karen Lehman EIC 3600 25-Sep-03

	Kind	Number	Date	Number	Date
	A	US 4211501	19800708	US 78957571	19781103
		(Cited in 005 later patents)			
Priority Applic:				US 78957571	19781103

Calculated Expiration: 19981103

Abstract: Disclosed is a tool for use in spreading \*soft\*, malleable materials along an inner corner formed by angular surfaces. The tool has a relatively \*hard\* \*core\* and an \*elastomeric\* \*covering\* on the \*core\* together forming a spreading nose for the tool. The tool has a \*handle\* for the spreading nose. The \*elastomeric\* \*covering\* is a \*soft\*, resilient material so that it will seal against the angular surfaces of the inner corner...

Exemplary Claim: 1. A tool for use in spreading \*soft\*, malleable material along an inner corner formed by angular surfaces, comprising: a \*hard\* \*core\* with an \*elastomeric\* \*covering\*, having a durometer \*hardness\* in the range from 20 to 70 Shore A, on said \*core\* together forming a spreading nose for said tool; a \*handle\* for said spreading nose; said \*elastomeric\* \*covering\* tapering inwardly and longitudinally, forming an apex angle in the range from 20 to 90 degrees, to a narrow tip; said \*elastomeric\* covering having a working edge with longitudinally converging portions for engaging the angular surfaces of...

7/3,K/13 (Item 1 from file: 347)  
 DIALOG(R)File 347:JAPIO  
 (c) 2003 JPO & JAPIO. All rts. reserv.

07516545 \*\*Image available\*\*  
 GOLF SWING PRACTICE TOOL

PUB. NO.: 2003-010375 [JP 2003010375 A]  
 PUBLISHED: January 14, 2003 (20030114)  
 INVENTOR(s): OGAWA HIROSHI  
 APPLICANT(s): KAMOSHITA SEIKOSHO KK  
 APPL. NO.: 2001-195181 [JP 20011195181]  
 FILED: June 27, 2001 (20010627)

#### ABSTRACT

...swing with right directivity.

SOLUTION: A middle body is constituted by enveloping it with an \*elastic\* body with extending/contracting property and inspiratory property around a \*core\* body which is made of a \*hard\* material. A \*grip\* is constituted by \*covering\* the middle body with a synthetic resin sheet or a leather bag and also attaching...

7/3,K/14 (Item 2 from file: 347)  
 DIALOG(R)File 347:JAPIO  
 (c) 2003 JPO & JAPIO. All rts. reserv.

06781684 \*\*Image available\*\*  
 OPERATION LEVER AND ITS MANUFACTURE

PUB. NO.: 2001-009160 [JP 2001009160 A]  
 PUBLISHED: January 16, 2001 (20010116)  
 INVENTOR(s): SASAZAKI TAKAO

IDA SHINICHIRO  
TAKEUCHI SUSUMU  
APPLICANT(s): ARUZE CORP  
APPL. NO.: 11-186461 [JP 99186461]  
FILED: June 30, 1999 (19990630)

ABSTRACT

... grip is attached to an end part of a metallic shaft, a thick-walled inner \*core\* part 21 is insert- molded at a first step and a thin-walled \*soft\* \*covered\* part 22 is insert-molded at a second step when the operation lever in which the \*grip\* 20 is made of the \*hard\* inner \*core\* part 21 and the \*soft\* \*covered\* part 22 \*covering\* the inner \*core\* part 21 and a \*grip\* part of the operation lever are molded.

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7/3,K/15 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

05960806 \*\*Image available\*\*  
CLEANING TOOL FOR NARROW GROOVE

PUB. NO.: 10-243906 [JP 10243906 A]  
PUBLISHED: September 14, 1998 (19980914)  
INVENTOR(s): TSUJI SAWAKO  
APPLICANT(s): TSUJI SAWAKO [000000] (An Individual), JP (Japan)  
APPL. NO.: 09-092708 [JP 9792708]  
FILED: March 05, 1997 (19970305)

ABSTRACT

...SOLUTION: By a brush provided with a \*handle\* which is the \*hard\*, \*elastic\* and long brush part of a narrow width and a dustpan provided with a sweep-out port for \*covering\* the side face outer periphery of the entire brush including the \*handle\*, cleaning is easily performed since the width of the dustpan and the brush matches with the narrow groove. For housing, the brush is fitted \*inside\* the dustpan. Thus, the sweep-out port of the dustpan is grounded to the narrow...

7/3,K/16 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

04050365 \*\*Image available\*\*  
ELECTRIC CLEANER

PUB. NO.: 05-042065 [JP 5042065 A]  
PUBLISHED: February 23, 1993 (19930223)  
INVENTOR(s): ICHINOSE TOKIO  
TAKAHASHI YUTAKA  
APPLICANT(s): MITSUBISHI ELECTRIC HOME APPLIANCE CO LTD [488963] (A Japanese Company or Corporation), JP (Japan)  
MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-207003 [JP 91207003]  
FILED: August 19, 1991 (19910819)  
JOURNAL: Section: C, Section No. 1076, Vol. 17, No. 342, Pg. 6, June 29, 1993 (19930629)

ABSTRACT

...and a buffering bumper is provided in the periphery of the body 4a and a \*handle\*. In an electric cleaning machine thus arranged, a \*handle\* 8a having the outer circumference of a \*core\* material 8b comprising a \*hard\* material \*covered\* with a \*soft\* material 8c is formed by a double molding and the \*handle\* double molded is fixed on the body with a screw.

7/3,K/17 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

02880440 \*\*Image available\*\*  
ASSISTING GRIP

PUB. NO.: 01-178040 [JP 1178040 A]

PUBLISHED: July 14, 1989 (19890714)

INVENTOR(s): HARAOKAWA TOSHIKATSU

IMURA HIROYOSHI

HOSHINO NAOAKI

ORIGASA MAKOTO

APPLICANT(s): KINUGAWA RUBBER IND CO LTD [399437] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-001728 [JP 881728]

FILED: January 07, 1988 (19880107)

JOURNAL: Section: M, Section No. 880, Vol. 13, No. 458, Pg. 37,  
October 17, 1989 (19891017)

ABSTRACT

... part 1, a cover part 5 is installed, permitting opening and closing, so as to \*cover\* a through hole for screw set. In this structure, the grip part 3 is prepared by forming a skin member 7 made of the \*soft\* material such as vinyl chloride into a cylindrical form having a proper thickness on the outer periphery of a \*core\* part 3a made of the above-described \*hard\* synthetic resin. Therefore, the \*grip\* part 3 is made \*soft\* in touch feeling, and the coldness which is characteristic for the \*hard\* synthetic resin is eliminated. Therefore, the touch feeling can be drastically improved in comparison with...

7/3,K/18 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01371452

Child safety seat

Sicherheits-Kindersitz

Siege de securite pour enfant

PATENT ASSIGNEE:

Combi Corporation, (1201561), 6-7, Moto-Asakusa 2-chome, Taito-ku, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Mori, Isamu, Minami-Urawa Techno-Center, Combi Corporation, 36-18,

Minami-Urawa 3-chome, Saitama-shi, Saitama-ken, (JP)

Takizawa, Manabu, Minami-Urawa Techno-Center, Combi Corporation, 36-18,

Minami-Urawa 3-chome, Saitama-shi, Saitama-ken, (JP)

LEGAL REPRESENTATIVE:

Sparing - Rohl - Henseler Patentanwalte (100366), Rethelstrasse 123,  
40237 Dusseldorf, (DE)

PATENT (CC, No, Kind, Date): EP 1167114 A1 020102 (Basic)

APPLICATION (CC, No, Date): EP 2001115432 010627;

PRIORITY (CC, No, Date): JP 2000194610 000628  
DESIGNATED STATES: DE; FR; GB  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: B60N-002/28  
ABSTRACT WORD COUNT: 107  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200201	635
SPEC A	(English)	200201	5879
Total word count - document A			6514
Total word count - document B			0
Total word count - documents A + B			6514

...SPECIFICATION 4A, the mass of gel material 8 is introduced into a bag formed of the \*flexible\* film 10 such as of polyurethane, and the opening of introduction is shown as vacuum sealed at C. This prevents the loaded gel material 8 \*inside\* from running out. While a mass of gel material 8 is singly yielding and \*hard\* to be fixed in shape, \*covering\* or housing the mass of gel material 8 with a \*flexible\* film 10 in this manner makes it easy to \*handle\* the yieldable mass and also to work setting it in the child safety-seat main...

7/3,K/19 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01221519

PORTABLE PHONE AND METHOD OF FORMING WATERPROOF CASE OF THE PHONE  
TRAGBARES TELEFON UND VERFAHREN ZUR HERSTELLUNG EINES WASSERDICHTEN  
GEHAUSES FUR DASSELBE  
TELEPHONE PORTABLE ET PROCEDE DE FABRICATION DE BOITIER ETANCHE A L'EAU  
POUR CE TELEPHONE

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216885), 1006, Oaza Kadoma,  
Kadoma-shi, Osaka 571-0050, (JP), (Applicant designated States: all)

INVENTOR:

Kuchiishi, Koji, 729-205 Shinmarukocho, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-0005, (JP)  
Takahashi, Akira, 1-3-14-701 Nakamachidai, Tsuzuki-ku, Yokohama-shi,  
Kanagawa 224-0041, (JP)  
Nagano, Katsumi, 3-13-2-604 Osone, Kohoku-ku, Yokohama-shi, Kanagawa  
222-0003, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE).

PATENT (CC, No, Kind, Date): EP 1096759 A1 010502 (Basic)  
WO 0062509 001019

APPLICATION (CC, No, Date): EP 917298 000412; WO 00JP2391 000412

PRIORITY (CC, No, Date): JP 99105502 990413

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04M-001/02; H04M-001/18; H05K-005/02;  
B29C-045/26; B29L-031/00

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 3



LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200118	241
SPEC A	(English)	200118	2937
Total word count - document A			3178
Total word count - document B			0
Total word count - documents A + B			3178

...SPECIFICATION is the portable telephone unit according to the first aspect of the invention comprising the \*soft\* material \*covering\* the \*grip\* portion of the upper and lower case. Since the \*grip\* portion is \*covered\* with the \*soft\* material that is \*hard\* to slip, there is an effect that the \*grip\* ability can be improved.

Further, in the manufacturing method of the portable telephone unit according to the eight aspect of the invention, comprising steps of using the mold \*core\* in common at the hard material molding time and at the soft material molding time...

...CLAIMS of the hard material.

5. The portable telephone unit according to Claim 4, wherein the \*soft\* material formed on the surfaces of the upper and lower cases has a plurality of convexities.
6. A portable telephone unit comprising \*soft\* material which \*covers\* a \*grip\* portion of upper and lower case.
7. A manufacturing method of a portable telephone unit comprising steps of:  
using a mold \*core\* in common at the \*hard\* material molding time and at the \*soft\* material molding time; and  
moving the common \*core\* alternately between a cavity for \*soft\* material molding and a cavity for hard material molding,

whereby the simultaneous and integral molding of the hard material and the \*soft\* material can be performed using the same mold.

7/3,K/20 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00888241

TOOL HANDLE

WERKZEUGGRIFF

MANCHE D'OUTIL

PATENT ASSIGNEE:

Kapman AB, (2835800), , 811 81 Sandviken, (SE), (Proprietor designated states: all)

INVENTOR:

JANSSON, Conny, Renvagen 7, S-745 71 Enkoping, (SE)

HIMBERT, Hans, Tacitusvagen 28, S-161 53 Bromma, (SE)

BERGKVIST, H kan, Beckombergavagen 72, S-161 53 Bromma, (SE)

LEGAL REPRESENTATIVE:

Johansson Webjorn, Ingmari et al (75711), L.A. Groth & Co KB Patentbyra,  
P.O. Box 6107, 102 32 Stockholm, (SE)

PATENT (CC, No, Kind, Date): EP 886561 A1 981230 (Basic)  
EP 886561 B1 020703  
WO 9733724 970918

APPLICATION (CC, No, Date): EP 97908636 970312; WO 97SE423 970312

PRIORITY (CC, No, Date): SE 96986 960315

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; IE; IT; LI; LU; NL;

PT; SE  
INTERNATIONAL PATENT CLASS: B25G-001/10; B29C-045/14; B25B-023/16  
NOTE:

No A-document published by EPO  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200227	182
CLAIMS B	(German)	200227	190
CLAIMS B	(French)	200227	220
SPEC B	(English)	200227	638
Total word count - document A			0
Total word count - document B			1230
Total word count - documents A + B			1230

...CLAIMS B1

1. \*Handle\* for tools comprising a \*core\* of \*hard\* plastic material around a metal shaft (11) and a gripping surface (14) of \*soft\* material \*covering\* parts of the \*core\*, characterized by having the \*core\* within the regions covered by the gripping surface made with a multitude of protruding lower blocks (17) with essentially flat top, and by having the \*soft\* material filling the space between the lower blocks to essentially the same level as the...

7/3,K/21 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00402268

**A method and apparatus for applying hard or soft covers to bound or unbound documents**

**Verfahren und Vorrichtung zum Aufbringen von harten oder weichen Einbanddecken auf gebundenen oder ungebundenen Dokumenten**

**Procede et appareil pour fixer des couvertures dures ou souples a des documents relies ou volants**

PATENT ASSIGNEE:

XEROX CORPORATION, (219781), Xerox Square - 020, Rochester New York 14644  
, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Zoltner, John D., 74 Orchard Park Blvd, Rochester, New York 14609, (US)  
Carter, Daniel L., 736 Liberty Street, Penfield, New York 14526, (US)  
Lipani, Anthony F, 10 Bridgewater Court, Pittsford, New York 14534, (US)  
Gardner, John F., 900 Embury Road, Penfield, New York 14526, (US)

LEGAL REPRESENTATIVE:

Phillips, Margaret Dawn et al (60332), Rank Xerox Ltd Patent Department  
Parkway, Marlow Buckinghamshire SL7 1YL, (GB)

PATENT (CC, No, Kind, Date): EP 404556 A2 901227 (Basic)  
EP 404556 A3 910710  
EP 404556 B1 961218

APPLICATION (CC, No, Date): EP 90306769 900620;

PRIORITY (CC, No, Date): US 369571 890620; US 369482 890620

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: B42C-011/02;

ABSTRACT WORD COUNT: 126

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	464
CLAIMS B	(English)	EPAB96	698

Karen Lehman EIC 3600 25-Sep-03

CLAIMS B	(German)	EPAB96	674
CLAIMS B	(French)	EPAB96	784
SPEC A	(English)	EPABF1	5127
SPEC B	(English)	EPAB96	5310
Total word count - document A			5591
Total word count - document B			7466
Total word count - documents A + B			13057

...ABSTRACT book binding system captures pages of a bound or unbound book in a hard or \*soft\* \*cover\* case by crimping a metal U-shaped channel which is bonded to the \*inside\* spine surface of the \*hard\* or \*soft\* \*covers\*. One form of apparatus comprises first and second jaws means (110, 115); a bed (122) on which is rested the spine portion of the case; and a \*handle\* (105) for moving one of the jaws (115) towards the other jaw (110) in order...

7/3,K/22 (Item 5 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2003 European Patent Office. All rts. reserv.

00388992

Handle, clothes hook or similar fitting for doors, windows, furniture, etc.  
 Handgriff, Garderobenhaken od. dgl. Beschlag fur Turen, Fenster, Mobel usw.  
 Poignee, crochet pour garde-robe, ou similaire pour portes, fenetres, meubles, etc.

PATENT ASSIGNEE:

TOBY-SCHAUM GMBH, (1206040), Schlossmatte 1, D-7801 Merdingen, (DE),  
 (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

Glutz von Blotzheim, Anton, Obere Schanzstrasse 1/6, D-7858 Weil am Rhein, (DE)

Fierus, Gerd, Am Gerlichshof 10, D-5090 Leverkusen 3, (DE)

Fierus, Udo, Am Gerlichshof 10, D-5090 Leverkusen 3, (DE)

LEGAL REPRESENTATIVE:

Patentanwalte Dipl.-Ing. Hans Schmitt Dipl.-Ing. Wolfgang Maucher  
 (100101), Dreikönigstrasse 13, D-7800 Freiburg i.Br., (DE)

PATENT (CC, No, Kind, Date): EP 400279 A2 901205 (Basic)  
 EP 400279 A3 910626

APPLICATION (CC, No, Date): EP 90104222 900305;

PRIORITY (CC, No, Date): DE 3917529 890530

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: E05B-001/04;

TRANSLATED ABSTRACT WORD COUNT: 95

ABSTRACT WORD COUNT: 80

LANGUAGE (Publication,Procedural,Application): German; German; German  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	EPABF1	514
SPEC A	(German)	EPABF1	2754
Total word count - document A			3268
Total word count - document B			0
Total word count - documents A + B			3268

...ABSTRACT or suchlike fitting for doors, windows, furniture, the sanitary sector, etc., has a dimensionally stable \*core\*, for example made of metal, and a \*covering\* (3) for this. According to the invention, this \*handle\*, clothes hook or suchlike fitting is characterised in that the \*covering\* (3) consists of a semi-\*hard\* PUR structural foam of a \*hardness\* of 35 to 95 Shore A.

Such a \*handle\*, clothes hook or the like has a surface of easy \*grip\*, is somewhat \*elastically\* \*flexible\* in cross-section and is correspondingly easy to use. ...

7/3,K/23 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00337642

**Crosshandled guard baton.**

**Schlagstock mit Kreuzgriff.**

**Baton de police a poignee laterale.**

PATENT ASSIGNEE:

Ashihara, Hideyuki, (1072260), 360-1, 8-chome, Sanbancho, Matsuyama-shi Ehime-ken, (JP), (applicant designated states: DE;ES;FR;GB)

INVENTOR:

Ashihara, Hideyuki, 360-1, 8-chome, Sanbancho, Matsuyama-shi Ehime-ken, (JP)

LEGAL REPRESENTATIVE:

Casalonga, Axel et al (14511), BUREAU D.A. CASALONGA - JOSSE  
Morassistrasse 8, W-8000 Munchen 5, (DE)

PATENT (CC, No, Kind, Date): EP 331035 A1 890906 (Basic)  
EP 331035 B1 921028

APPLICATION (CC, No, Date): EP 89103265 890224;

PRIORITY (CC, No, Date): JP 8845512 880227; JP 8866803 880319; JP 88124713  
880520; JP 88335208 881229

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS: F41B-015/02;

ABSTRACT WORD COUNT: 182

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	719
CLAIMS B	(German)	EPBBF1	554
CLAIMS B	(French)	EPBBF1	718
SPEC B	(English)	EPBBF1	2617
Total word count - document A			0
Total word count - document B			4608
Total word count - documents A + B			4608

...SPECIFICATION strap band 21 is fitted to make sure of a gripping by hand which is \*tied\* with a mounting end 20. Size of the band is \*preferable\* in about 20 - 25 \*cm\* in fold form. the \*mounting\* position may \*he\* changed anywhere around the \*handle\*. And crossed grooves for anti-slip purpose are provided on a handgrip portion 45 of the club 1. Internally, the club is made hollow to provide an \*interior\* space and openings 18, 25 of two ends of the club 1 are closed by...

7/3,K/24 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00947343 \*\*Image available\*\*

**SELF-SECURING TOOL HANDLE**

**MANCHE D'OUTIL AUTOBLOQUANT**

Patent Applicant/Assignee:

WKI HOLDING COMPANY INC, 1 Pyrex Place, P.O. Box 1555, Elmira, NY  
14902-1555, US, US (Residence), US (Nationality), (For all designated

states except: US)  
Patent Applicant/Inventor:  
LAMOND Donald R, 294 Maple Street, Haworth, NJ 07641, US, US (Residence),  
US (Nationality), (Designated only for: US)  
SCHIFF David, 213 Valentine Street, Highland Park, NJ 08904, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SANCHEZ Adam, 71 Terrace Avenue, Nutley, NJ 07110, US, US (Residence), US  
(Nationality), (Designated only for: US)  
WHITEHALL Richard, 323 E. 8th Street, #2A, New York, NY 10009, US, US  
(Residence), GB (Nationality), (Designated only for: US)  
Legal Representative:  
STOTLAND Harold V Seyfarth Shaw suite 4200 (agent), 55 East Monroe  
Street, Chicago, Illinois 60603, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200281155 A1 20021017 (WO 0281155)  
Application: WO 2002US8670 20020321 (PCT/WO US0208670)  
Priority Application: US 2001815690 20010323  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 5045

Fulltext Availability:  
Detailed Description

Detailed Description

... the second end thereof. Further, the central cavity of the handle  
passes through the inner \*core\* body from the first end to the second end  
...securing handle also includes an external layer extending  
longitudinally from the first end of the \*handle\* toward the second end,  
and the external layer substantially \*covers\* an outer surface of the  
inner \*core\* body.

[00101 It is preferred that the inner \*core\* body is made of a \*hard\*  
grade \*elastomer\* material, more preferably a polypropylene material. It  
is also preferred that the external layer is made of a \*flexible\* grade  
\*elastomeric\* material, more preferably Santoprene.

[00111 In accordance with another preferred embodiment, the securing  
mechanism includes...

**7/3,K/25 (Item 2 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00547069 \*\*Image available\*\*  
**IMPROVED BABY SPOONS AND METHOD OF MANUFACTURE**  
**CUILLERS AMELIOREES POUR BEBES ET PROCEDE DE FABRICATION ASSOCIE**  
Patent Applicant/Assignee:  
HAKIM Nouri E,  
Inventor(s):  
HAKIM Nouri E,  
Patent and Priority Information (Country, Number, Date):

Patent: WO 200010442 A1 20000302 (WO 0010442)  
Application: WO 99US19299 19990824 (PCT/WO US9919299)  
Priority Application: US 9897571 19980824; US 99353904 19990715  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG US UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 2432

Fulltext Availability:  
Detailed Description

#### Detailed Description

... infrastructure of the entire spoon, as shown in Figures 1, 3, 4 and 5.  
This *\*hard\** material provides the entire spoon with a rigid structural component and prevents the spoon from bending during use.

Thus, *\*handle\** 38 of spoon 7 includes an upper inner section 42 made of the *\*hard\** material described above. *\*Handle\** 38 is preferably provided for gripping comfort with the *\*soft\** material *\*covering\** the bottom of the spoon. The *\*hard\** material forms the edges of the spoon. *\*Handle\** 38 further includes ribs 48 made of a *\*soft\** material. Ribs 48 are preferably located on the *\*inside\** edge of *\*handle\** 38 and are applied to grooves 52 of the spoon, shown in Figure 5. The...

7/3,K/26 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00392981 \*\*Image available\*\*

#### TOOL HANDLE

#### MANCHE D'OUTIL

Patent Applicant/Assignee:

SANDVIK AKTIEBOLAG (publ),  
JANSSON Conny,  
HIMBERT Hans,  
BERGKVIST Hakan,

Inventor(s):

JANSSON Conny,  
HIMBERT Hans,  
BERGKVIST Hakan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9733724 A1 19970918  
Application: WO 97SE423 19970312 (PCT/WO SE9700423)  
Priority Application: SE 96986 19960315

Designated States: JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 818

Fulltext Availability:  
Claims

#### English Abstract

*\*Handle\** for tools such as screwdrivers, comprising a *\*core\** of *\*hard\** plastic material around a metal shaft and a gripping surface (14) of *\*soft\** material *\*covering\** parts of the *\*core\**, where the *\*core\** within the regions covered by the gripping surface is made with a multitude of

protruding lower blocks (17) with flat tops, and the \*soft\* material filling the space between lower blocks to the level of the tops of lower  
...

Claim

1. \*Handle\* for tools comprising a \*core\* of \*hard\* plastic material around a metal shaft and a gripping surface (I 4) of \*soft\* material \*covering\* parts of the \*core\*, characterized by having the \*core\* within the regions covered by the gripping surface made with a multitude of protruding lower blocks (I 7) with essentially flat top, and by having the \*soft\* material filling the space between the lower blocks to essentially the same level as the...

7/3,K/27 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00349717 \*\*Image available\*\*

ROTARY TOOL

OUTIL ROTATIF

Patent Applicant/Assignee:

DOL Johan Adriaan,

DJIE Eric Johan,

Inventor(s):

DJIE Eric Johan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9632230 A1 19961017

Application: WO 96NL164 19960415 (PCT/WO NL9600164)

Priority Application: NL 10140 19950413

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ CZ DE DE DK DK  
EE ES FI FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SK TJ TM TR TT UA UG US UZ VN KE  
LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 2587

Fulltext Availability:

Detailed Description

Detailed Description

... hand of the user. Of course, all kinds of variations are conceivable. For example, the \*grip\* part 1 may comprise a \*covering\* of \*soft\* plastic on specific positions only

The rigid \*core\* 3 comprises on the front side a \*hard\* steel bowl 5 having a hexagon socket, in which a sphere head having an outer...

7/3,K/28 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00186025

METHOD OF FULLY CUSHIONING PULL STRAP HANDLE

PROCEDE SERVANT A ENTOURER COMPLETEMENT UNE POIGNEE DE RETENUE D'UN  
GARNISSAGE SOUPLE

Patent Applicant/Assignee:

VOPLEX CORPORATION,  
Inventor(s):  
LICUS John J,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9103368 A1 19910321  
Application: WO 90US4869 19900827 (PCT/WO US9004869)  
Priority Application: US 89886 19890830  
Designated States: AT BE CH DE DK ES FR GB IT LU NL SE  
Publication Language: English  
Fulltext Word Count: 1634

Fulltext Availability:  
Claims

Claim

1. A method of forming a seam in a fully cushioned,  
\*soft\* feel strap \*handle\*, said method comprising:  
a. arranging a \*hard\* metallic backing bar  
between the outside of a foamed resin  
cushion encircling a strap for said \*handle\*  
and the \*inside\* of overlapped edges of a  
resin \*cover\* wrapped around said cushion so  
that edges of said \*cover\* overlap each  
other over said backing bar, said over  
lapped cover edges being spaced from...

7/3,K/29 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00108069

**SWINGABLE IMPACT TOOL**  
**OUTIL DE PERCUTION POURVU D'UN MANCHE**

Patent Applicant/Assignee:  
BUDD CO,  
Inventor(s):  
EPEL J,  
GUHA P,  
WILKINSON R,  
CRANDON A,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 8200265 A1 19820204  
Application: WO 81US909 19810706 (PCT/WO US8100909)  
Priority Application: US 80170418 19800721  
Designated States: AU BR JP DE FR  
Publication Language: English  
Fulltext Word Count: 4398

Fulltext Availability:  
Detailed Description  
Detailed Description

... Figure  
2 fit into the cavities at opposite sides of the web 31  
of the \*core\* member 30. The cap 42 is bonded into  
position by the urethane foam forming the \*cover\* 36. End  
cap 42 protects the foam sheath 36 and skin 38 from  
damage in the event that the tool 10 is dropped on the  
butt end of \*handle\* 14 or if that end is struck on a \*hard\*  
R  
WIPO



n %T , @I

object as is customary for the purpose of tightening the head on \*handles\* made of wood.

The shank 24 of the \*handle\* 14 is \*covered\* with a sleeve 48 of a tough urethane \*elastomer\* which is separately injection molded in a-shape to conform to the shape of the...

7/3,K/30 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

015442411 \*\*Image available\*\*

WPI Acc No: 2003-504553/200347

XRPX Acc No: N03-400693

Contour scraper for moldings has handle with distal end angularly disposed surface that operably receives blade, and upper surface with elongated and arcuately curved surface towards distal end angularly disposed surface

Patent Assignee: GRINGER D (GRIN-I)

Inventor: GRINGER D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030110641	A1	20030619	US 200122353	A	20011213	200347 B

Priority Applications (No Type Date): US 200122353 A 20011213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030110641	A1	12	A47L-013/08		

Abstract (Basic):

... Has \*handle\* with \*hard\* thermoplastic \*core\* and \*elastomeric\* molded \*soft\* \*grip\* \*cover\* for added comfort in repetitive scraping operations. Improve blade removal and replacement...

7/3,K/31 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

015370727

WPI Acc No: 2003-431665/200341

XRAM Acc No: C03-114323

XRPX Acc No: N03-344487

Sliding board clothes compartment organiser for a clothes cupboard comprises a handle edge section and consists of wear resistant PE hard plastic foam

Patent Assignee: HEYDER M (HEYD-I)

Inventor: HEYDER M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10146240	A1	20030424	DE 1046240	A	20010920	200341 B

Priority Applications (No Type Date): DE 1046240 A 20010920

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 10146240 A1 5 A47B-061/00

Abstract (Basic):

... A sliding board clothes compartment organiser for use in a clothes cupboard, comprises a \*handle\* edge section. The board consists of wear resistant PE \*hard\* plastic foam. The \*inside\* of the \*handle\* edge has a \*flexible\* \*cover\*.

7/3,K/32 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013543536 \*\*Image available\*\*

WPI Acc No: 2001-027742/200104

XRAM Acc No: C01-008691

XRPX Acc No: N01-021779

**Cleaning brush for toilet, has trapezoidal-shaped core on which hard and soft nylon scrubbing layers are formed**

Patent Assignee: NAKAMURA M (NAKA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000296073	A	20001024	JP 99105475	A	19990413	200104 B

Priority Applications (No Type Date): JP 99105475 A 19990413

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000296073	A		3	A47K-011/10	

Abstract (Basic):

... Trapezoidal-shaped \*core\* (2) is attached to the handle (1). The \*core\* is inclined at 45degrees with respect to \*handle\* axis. One of the non-parallel surface (2a) of \*core\* is set orthogonal to \*handle\*. The cleaning surface of \*core\* is \*covered\* with \*hard\* and \*soft\* nylon scrubbing layers (3a,3b). \*Hard\* scrubbing layer \*covered\* surfaces mutually join to form a pointed tip.

7/3,K/33 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013147707 \*\*Image available\*\*

WPI Acc No: 2000-319579/200028

XRPX Acc No: N00-239803

**Javelin for use in indoor athletic events has straight shaft with blunt detachable tip filled with marking fluid and handgrip and center of gravity just forward of central point along length of shaft**

Patent Assignee: HILMER-GABCKE U (HILM-I)

Inventor: HILMER-GABCKE U

Number of Countries: 024 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20001173	U1	20000427	DE 2000U2001173	U	20000125	200028 B
DE 19905580	C1	20000615	DE 1005580	A	19990211	200032
WO 200047292	A1	20000817	WO 2000DE197	A	20000125	200041
EP 1159039	A1	20011205	EP 2000906166	A	20000125	200203
			WO 2000DE197	A	20000125	
CN 1343131	A	20020403	CN 2000804863	A	20000125	200247
JP 2002536137	W	20021029	JP 2000598240	A	20000125	200274

			WO 2000DE197	A	20000125	
US 6585623	B1	20030701	WO 2000DE197	A	20000125	200345
			US 2001913483	A	20010813	

Priority Applications (No Type Date): DE 1005580 A 19990211

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 20001173	U1		16	A63B-065/02	
WO 200047292	A1	G			
Designated States (National): CN JP US					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU					
MC NL PT SE					
EP 1159039	A1	G		A63B-065/02	Based on patent WO 200047292
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI					
LU MC NL PT RO SE SI					
CN 1343131	A			A63B-065/02	
JP 2002536137	W		29	A63B-065/02	Based on patent WO 200047292
US 6585623	B1			A63B-065/00	Based on patent WO 200047292

Abstract (Basic):

... pushed into a socket in the end of a cylindrical forward portion (8) with a \*hard\* \*core\* \*covered\* with \*elastic\* material (9). The \*handle\* (4) consists of cord wound on a rigid sleeve and the tail end or the javelin gently tapers toward the end (5) and has an \*elastic\* \*covering\* (11) over a continuation of the hard rigid core.

7/3,K/34 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

012919548 \*\*Image available\*\*  
WPI Acc No: 2000-091384/200008  
XRPX Acc No: N00-071586

**Handle of cane e.g. T-shaped cane**

Patent Assignee: TOYO SEIKO KK (TOSE-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11332623	A	19991207	JP 98144687	A	19980526	200008 B

Priority Applications (No Type Date): JP 98144687 A 19980526

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11332623	A		3	A45B-009/02	

Abstract (Basic):

... The \*hard\* \*core\* of the \*handle\* is \*covered\* by a \*soft\* \*covering\* (2). The load receiving portion (11) of the \*covering\* is formed thickly. The upper surface of the load receiving portion is similar to the...

7/3,K/35 (Item 6 from file: 351)

DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

012508665 \*\*Image available\*\*  
WPI Acc No: 1999-314770/199927  
XRPX Acc No: N99-235235

**Screwdriver handle has hard plastic core with partial soft plastic**

shrouding with six longitudinal flats round handle, giving good grip  
Patent Assignee: FELO-WERKZEUGFABRIK HOLLAND-LETZ GMBH (FELO-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
DE 29904082 U1 19990527 DE 99U2004082 U 19990306 199927 B

Priority Applications (No Type Date): DE 99U2004082 U 19990306  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
DE 29904082 U1 6 B25G-001/10

Abstract (Basic):

... The screwdriver hand \*grip\* (1) has a \*core\* of \*hard\* plastic with a shrouding of \*soft\* plastic (4) and a lateral hole (8) through the \*grip\* cap (6). A \*hard\* plastic tongue shoulder (5) extends from the \*grip\* cap on one side towards the tool blade end. The cap and shoulders are not \*covered\* by the \*soft\* plastic material. Six longitudinal flats are round the periphery, from the cap, as far as...

7/3,K/36 (Item 7 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

011633793 \*\*Image available\*\*  
WPI Acc No: 1998-050921/199805  
XRAM Acc No: C98-017317  
XRPX Acc No: N98-040478

**Composite metal and plastic handle - has a tubular metal core flattened at both ends to form legs and feet, with an outer covering of soft or hard plastic material**

Patent Assignee: GRIGOLEIT CO (GRIG-N)  
Inventor: HOWIE R K  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 5675867 A 19971014 US 95435581 A 19950505 199805 B

Priority Applications (No Type Date): US 95435581 A 19950505  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 5675867 A 5 A47B-095/02

...Abstract (Basic): feet (27) extending parallel to the tubular member (21), and (b) an injection moulded thermoplastic \*covering\* (41) encapsulating the tubular member, with gripping notches (48) formed on the \*inside\* surface of the \*handle\*, wherein - (c) the thermoplastic material may be polyvinyl-chloride to provide a '\*soft\*' touch, or ABS or nylon to provide a '\*hard\*' touch, and (d) elongated plates may be attached to the feet by crimping the feet to the plates to provide mounts for the \*handles\*.

7/3,K/37 (Item 8 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

011492803  
WPI Acc No: 1997-470716/199743

XRAM Acc No: C97-149589  
XRPX Acc No: N97-392703

**Screwdriver handle - has a structured soft gripping surface on a hard core to give high friction and accurate feel of the workpiece resistance**  
Patent Assignee: KAPMAN AB (SANV ); SANDVIK AB (SANV )  
Inventor: BERGKVIST H K; HIMBERT H; JANSSON C; BERGKVIST H; BERGQVIST H; HIMBERG H

Number of Countries: 021 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9733724	A1	19970918	WO 97SE423	A	19970312	199743 B
SE 505284	C2	19970728	SE 96986	A	19960315	199743
EP 886561	A1	19981230	EP 97908636	A	19970312	199905
			WO 97SE423	A	19970312	
TW 358058	A	19990511	TW 97103432	A	19970319	199938
JP 2000506449	W	20000530	JP 97532520	A	19970312	200033
			WO 97SE423	A	19970312	
US 6128808	A	20001010	WO 97SE423	A	19970312	200052
			US 98142611	A	19981207	
EP 886561	B1	20020703	EP 97908636	A	19970312	200243
			WO 97SE423	A	19970312	
DE 69713744	E	20020808	DE 613744	A	19970312	200259
			EP 97908636	A	19970312	
			WO 97SE423	A	19970312	
ES 2179305	T3	20030116	EP 97908636	A	19970312	200316

Priority Applications (No Type Date): SE 96986 A 19960315

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9733724	A1	E	7	B25G-001/10	
				Designated States (National): JP US	
				Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
SE 505284	C2			B25G-001/00	
EP 886561	A1	E		B25G-001/10	Based on patent WO 9733724
				Designated States (Regional): AT BE CH DE DK ES FI FR GB IE IT LI LU NL PT SE	
TW 358058	A			B25B-023/16	
JP 2000506449	W		8	B25G-001/10	Based on patent WO 9733724
US 6128808	A			A47J-045/00	Based on patent WO 9733724
EP 886561	B1	E		B25G-001/10	Based on patent WO 9733724
				Designated States (Regional): AT BE CH DE DK ES FI FR GB IE IT LI LU NL PT SE	
DE 69713744	E			B25G-001/10	Based on patent EP 886561
					Based on patent WO 9733724
ES 2179305	T3			B25G-001/10	Based on patent EP 886561

...Abstract (Basic): The tool \*handle\*, and especially for a screwdriver, has a gripping surface of a \*soft\* thermoplastic \*elastomer\* material \*covering\* parts of the \*core\* of \*hard\* thermoplastics. The \*core\* has a number of protruding lower blocks (17) within the areas \*covered\* by the gripping surface with a flat top. The \*soft\* material fills the spaces between the lower blocks to the same level as the top...

7/3,K/38 (Item 9 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

010310998 \*\*Image available\*\*  
WPI Acc No: 1995-212256/199528

Karen Lehman EIC 3600 25-Sep-03

XRAM Acc No: C95-098009

XRPX Acc No: N95-166596

**Composite plastic moulding with soft feel - comprising polypropylene@ and polyamide hard resin covered with soft compsn. comprising plasticiser and thermoplastic polyurethane**

Patent Assignee: TOSOH CORP (TOYJ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7125155	A	19950516	JP 93273437	A	19931101	199528 B

Priority Applications (No Type Date): JP 93273437 A 19931101

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7125155	A	8	B32B-027/32	

...Abstract (Basic): motor car, building, civil engineering, electrical, or electronic field and is used for motor car \*interior\* components, including as assist \*grip\*, instrument panel, steering cowl, console box; a building component, including a window frame, an electrical component, including a switch. The \*hard\* plastic moulding member has improved adhesion to the \*covering\* material. The \*covering\* material has \*soft\* feel...

**7/3,K/39 (Item 10 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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009594675 \*\*Image available\*\*

WPI Acc No: 1993-288221/199336

XRAM Acc No: C93-128632

XRPX Acc No: N93-221703

**Prod. of plastic handle for tool such as screwdriver - by first moulding seamless convex end, then injecting hard core polymer round tool, and finally injecting outermost e.g. elastomer covering**

Patent Assignee: FELO-WERKZEUGFABRIK HOLLAND-LETZ GMBH (FELO-N); FELO WERKZEUGFABRIK HOLLANDLETZ GMBH (FELO-N)

Inventor: HOLLAND-LETZ H; HOLLANDLETZ H

Number of Countries: 017 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9316846	A1	19930902	WO 93EP343	A	19930212	199336 B
DE 4304965	A1	19930916	DE 4304965	A	19930218	199338
EP 627974	A1	19941214	EP 93903963	A	19930212	199503
			WO 93EP343	A	19930212	
EP 627974	B1	19951115	EP 93903963	A	19930212	199550
			WO 93EP343	A	19930212	
ES 2083848	T3	19960416	EP 93903963	A	19930212	199623
DE 4304965	C2	20021024	DE 4304965	A	19930218	200272

Priority Applications (No Type Date): DE 4205610 A 19920224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9316846	A1	G 29	B25G-001/10	
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Designated States (National): US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

DE 4304965	A1	11	B25G-001/10	
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EP 627974	A1	G	B25G-001/10	Based on patent WO 9316846
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Designated States (Regional): AT BE FR GB IT LU NL

Karen Lehman EIC 3600 25-Sep-03

EP 627974 B1 G 14 B25G-001/10 Based on patent WO 9316846  
Designated States (Regional): AT BE ES FR GB IT LU NL  
ES 2083848 T3 B25G-001/10 Based on patent EP 627974  
DE 4304965 C2 B25G-001/10

...Abstract (Basic): A process produces the \*handle\* of a tool, for a screw driver in particular, with a \*core\* of a \*hard\* resin produced in a first split mould, a convex end furthest from the blade, and a \*soft\* polymer \*covering\* round the \*handle\* but not on the end, this \*covering\* having at least one surface groove for gripping. When making the core of the handle...

...Abstract (Equivalent): A process produces the \*handle\* of a tool, for a screw driver in particular, with a \*core\* of a \*hard\* resin produced in a first split mould, a convex end furthest from the blade, and a \*soft\* polymer \*covering\* round the \*handle\* but not on the end, this \*covering\* having at least one surface groove for gripping. When making the core of the handle...

7/3,K/40 (Item 11 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

008871072  
WPI Acc No: 1991-375099/199151  
XRAM Acc No: C91-161942

**Spinning machine pressing roll elastic covering - has two polymer material bushes placed one inside the other, outer bush is made of thermoplastic polyurethane**

Patent Assignee: TEXTILE EQUIP ENG (TEXT-R)  
Inventor: LABOK V G; ODINOKOV A V; SEROVSKAYA O I  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1640229	A	19910407	SU 4454404	A	19880705	199151 B

Priority Applications (No Type Date): SU 4454404 A 19880705

...Abstract (Basic): The \*elastic\* \*covering\* consists of two polymer material bushes (1,2) placed one \*inside\* the other. The outer \*bush\* (1) \*hardness\* exceeds the inner \*bush\* (2) \*hardness\*. The \*elastic\* \*covering\* operation life is increased and the yarn clamping in the roller pair is stabilised since the bushes are made of thermoplastic polyurethane. The outer \*bush\* has a specified \*hardness\* of 85-100 arbitrary units and steel friction coefficient equal to 0.5-1.2. The inner \*bush\* has a \*hardness\* of 70-75 arbitrary units. The bushes thickness is related to their \*hardness\* as follows:  
 $h1/h2=(H2-H1)/(H-H1)$  where h1 is the inner bush thickness...

7/3,K/41 (Item 12 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

008238882 \*\*Image available\*\*  
WPI Acc No: 1990-125883/199017  
XRPX Acc No: N90-097513

**Support handle for vehicle interior - has soft cover enclosing hard core with each end secured to bearing block by hinged connection**

Patent Assignee: GEBR HAPPICH GMBH (HAPI )  
Inventor: DIETZ G; SIMOLEIT H

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 356919	A	19900307	EP 89115657	A	19890825	199017 B
DE 3829209	A	19900315	DE 3829209	A	19880829	199018
EP 356919	B1	19931110	EP 89115657	A	19890825	199345
DE 58906155	G	19931216	DE 506155	A	19890825	199351
			EP 89115657	A	19890825	
ES 2046405	T3	19940201	EP 89115657	A	19890825	199409

Priority Applications (No Type Date): DE 3829209 A 19880829.

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 356919	A				
					Designated States (Regional): DE ES FR GB IT SE
EP 356919	B1	G	7	B60N-003/02	
					Designated States (Regional): DE ES FR GB IT SE
DE 58906155	G			B60N-003/02	Based on patent EP 356919
ES 2046405	T3			B60N-003/02	Based on patent EP 356919

...Abstract (Basic): The stirrup-shaped handle, attached to an \*interior\* surface of a vehicle, has each shank attached at its free end to a bearing...

...9), acting as a counter and also including a hinge pin (10) so that the \*handle\* can swing downwards, parallel to the supporting surface. The \*handle\* has a \*hard\* plastics \*core\* (6) with a \*softer\*, moulded outer \*cover\* (7). At the junction point between the \*core\* and each bearing block is a return spring (14) shaped to fit round the hinge...

7/3,K/42 (Item 13 from file: 351)

DIALOG(R)File 351:Derwent WPI

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003296323

WPI Acc No: 1982-E4336E/198216

**Vibration damped steering wheel - has thin metal core and metal mounting sleeve and two layer plastics covering**

Patent Assignee: NISSAN MOTOR CO LTD (NSMO )

Inventor: NISHIJIMA K; SAEGUSA N; TAKAHARA M

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3130853	A	19820415				198216 B
FR 2491231	A	19820402				198218
GB 2087812	A	19820603	GB 8126613	A	19810902	198222
GB 2087812	B	19840704				198427
US 4468978	A	19840904				198438

Priority Applications (No Type Date): JP 80134878 A 19800926

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3130853	A		13		

...Abstract (Basic): The outer plastics layer has a \*softer\* structure than the inner plastics layer so that the metal \*core\* is \*covered\* with a plastics coating with a \*soft\* \*grip\* and reinforced strength. The wheel is mounted on the steering column by a metal sleeve (22) embedded in the \*harder\* plastics...



7/3,K/43 (Item 14 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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003133898

WPI Acc No: 1981-00890D/198102

**Tooth-brush with plastics covered metal strip core - and elastomer covering at head end with embedded bristles**

Patent Assignee: PAKARNSEREE S (PAKA-I)

Inventor: PAKARNSERE S

Number of Countries: 001 Number of Patents: 002.

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2050156	A	19810107				198102 B
GB 2050156	B	19830518				198320

Priority Applications (No Type Date): GB 8013955 A 19800428; GB 7914786 A 19790427

...Abstract (Basic): A \*toothbrush\* comprises a \*handle\* with a metal strip \*core\* \*covered\* with \*hard\* plastics and \*covered\* with \*elastomer\* at a head region in bristles are mounted. The \*elastomer\* \*covering\* may extend over the whole of the \*core\*, and the bristles are located in strip holes and embedded at their roots in the...

7/3,K/44 (Item 15 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

000958079

WPI Acc No: 1973-35325U/197325

**Laminar handles or panels - injection moulded soft skin layer and rigid foamed core layer**

Patent Assignee: IMPERIAL CHEM IND LTD (ICIL )

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1320962	A					197325 B
ZA 7106837	A					197327

Priority Applications (No Type Date): GB 7051008 A 19701027

...Abstract (Basic): Laminar \*handles\* or panels e.g. for vehicle \*interior\* trim, furniture, buildings or briefcase or suitcase \*handles\*, consist of a skin of \*softness\*  $\geq 30$  on BS 2571 at 20 degrees C, and a \*harder\* reinforcing \*core\*. The skin and \*core\* are of different plastics composition and have been injection moulded through a common sprue opening, so that the skin \*covers\* the whole outer surface excepting for the sprue area. Pref. the skin is of plasticised...

7/3,K/45 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

04323963 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Transport instruments in style with Leblanc's gig bags**  
Anonymous

American Music Teacher (IAMT), v48 n6, p9, p.01

Jun 1999

ISSN: 0003-0112 JOURNAL CODE: IAMT

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 126

TEXT:

... now carry their instruments in style with Leblanc's line of 100% leather gig bags. \*Soft\* black leather on the exterior is coupled with heavyduty foam padding on the \*interior\*; the \*interior\* \*covering\* protects even the finest instrument.

(Photograph Omitted)

The gig bags also feature heavy-duty zippers and reinforced \*handles\* and \*hardware\* made to withstand the rigors of everyday use. Zippered exterior pouches for accessories allow for...

**7/3,K/46 (Item 2 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2003 ProQuest. All rts. reserv.

04323948 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Three new Web sites for musicians**

Anonymous

American Music Teacher (IAMT), v48 n6, p4-6, p.2

Jun 1999

ISSN: 0003-0112 JOURNAL CODE: IAMT

DOCUMENT TYPE: News

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1749

TEXT:

... now carry their instruments in style with Leblanc's line of 100% leather gig bags. \*Soft\* black leather on the exterior is coupled with heavyduty foam padding on the \*interior\*; the \*interior\* \*covering\* protects even the finest instrument.

The gig bags also feature heavy-duty zippers and reinforced \*handles\* and \*hardware\* made to withstand the rigors of everyday use. Zippered exterior pouches for accessories allow for...

**7/3,K/47 (Item 1 from file: 535)**

DIALOG(R)File 535:Thomas Register Online(R)

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08992689

**American Handle Co., Inc.**

7345 Edmund St.

Philadelphia, PA 19136 USA

TELEPHONE: 800-355-0955

FAX: 215-332-4020 FAX

OTHER: sales@americanhandle.com

<http://www.americanhandle.com>

DESCRIPTION OF BUSINESS:

THOMAS REGISTER OF AMERICAN MANUFACTURERS

Mfrs. of Handles & \*Hardware\*, Standard & Custom, To Fit Virtually Any Requirement In The Portable Carrying Case & Electronics Field.

Karen Lehman EIC 3600 25-Sep-03

\*Handle\* Styles Include Post, Flat, & Double \*Handles\*, In Molded & Extruded Plastics, With Or Without Steel Reinforcements; \*Soft\* \*Covered\* Types With Metal Inserts; & Custom \*Covered\* Metal \*Core\* Styles. \*Hardware\* Styles Include Locks, Catches, Draw Bolts, Hinges, Corners & Clamps

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7/3,K/48 (Item 1 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
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00796396

Utility  
WRIST ATTACHMENT|  
SKI POLE HAND/WRIST ATTACHMENT

PATENT NO.: 3,923,317  
ISSUED: December 02, 1975 (19751202)  
INVENTOR(s): Penney, Donald Armstrong, 365 Virginia, Salt Lake City, UT  
(Utah), US (United States of America), 84102  
Assignee Code(s): 68000|  
APPL. NO.: 5-494,743  
FILED: August 05, 1974 (19740805)

BACKGROUND OF THE INVENTION

This application is a continuation-in-part of my copending application, Ser. No. 315,882, filed Dec. 18, 1972, for Ski Pole Handle, now U.S. Pat. No. 3,879,048.

FULL TEXT: 191 lines  
... resilient metal, shown by dotted line 12 in FIG. 3, could be incorporated as the \*core\* of the cuff member. Plastic, \*hard\* rubber or other resilient material could then be formed to \*cover\* the \*core\* 12 as also generally shown in FIG. 3.

The cuff member 4 is attached to the ski pole \*handle\* 2 by means of a \*flexible\* strap 6. The strap is formed of two leg portions 6a and 6b joined together...

7/3,K/49 (Item 2 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 The Dialog Corp. All rts. reserv.

00585831

Utility  
COLLAPSIBLE TOTE BAG

PATENT NO.: 3,675,843  
ISSUED: July 11, 1972 (19720711)  
INVENTOR(s): Polansky, Sidney I., Great Neck, NY (New York), US (United States of America)

ASSIGNEE(s): Packaging Associates, Inc, Elizabeth, NJ (New Jersey), US  
(United States of America)  
APPL. NO.: 5-107,151  
FILED: January 18, 1971 (19710118)  
FULL TEXT: 286 lines

... and 30 of the side walls 20 and 22, are respectively provided with relatively flat \*handles\*, 32 and 34, for transporing the bag in its fully extended vertical position as illustrated in FIG. 1. \*Handles\* 32 and 34 are preferably formed of a relatively \*hard\* \*interior\* member (not shown), such as for example paperboard or a \*hard\* plastic sheet, which is \*covered\* by the same \*flexible\* material utilized to form the side walls of the bag. In this manner a rigid \*handle\* is provided which may be heat sealed to the side walls themselves. Each of the...

7/3,K/50 (Item 3 from file: 652)  
DIALOG(R)File 652:US Patents Fulltext  
(c) format only 2002 The Dialog Corp. All rts. reserv.

00528660

Utility  
HOUSING FOR PHOTOGRAPHIC CAMERAS

PATENT NO.: 3,602,118  
ISSUED: August 31, 1971 (19710831)  
INVENTOR(s): Oberheim, Robert, Neu Isenberg, DE (Germany)  
ASSIGNEE(s): Braun Aktiengesellschaft, Frankfurt am Main, DE (Germany)  
Assignee Code(s): 109701  
APPL. NO.: 4-733,892  
FILED: June 03, 1968 (19680603)  
PRIORITY: B-92-896-TXA-57A, DE (Germany), June 7, 1967 (19670607)  
FULL TEXT: 336 lines

... and can stand extensive wear. In accordance with a presently preferred embodiment, each of the \*covers\* 9, 10 comprises a \*core\* or main body portion of relatively \*hard\* and rigid synthetic plastic material and an outer coat of relatively \*soft\* \*elastic\* material. The \*soft\* outer coat provides for a firm \*grip\* and the \*hard\* \*core\* ensures satisfactory resistance to impacts in the event that the housing is dropped or that the operator bumps the \*cover\* 9 or 10 against a \*hard\* object.

The frame 8 is provided with an eye 26 for a strap 25 of...

7/3,K/51 (Item 1 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2003 The Dialog Corp. All rts. reserv.

5323197 \*\*IMAGE Available

Utility

Grout float assembly

Inventor: Pytlewski, Walter W., 5255 E. Seltice Way, Post Falls, ID, 83854  
Assignee: Unassigned  
Examiner: Warden, Sr., Robert J. (Art Unit: 174)  
Assistant Examiner: Cole, Laura C  
Combined Principal Attorneys: Finkel, Robert Louis

Publication Number	Kind	Date	Application Number	Filing Date
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Fulltext Word Count: 4175

Summary of the Invention:

...user's hand, arm and shoulder. Over time, contact of the skin with the grout-\*covered\* unyielding handle surface causes painful abrasions, blisters, and eventually, open wounds. It is now common practice to provide tool \*handles\* with a \*soft\* outer layer for comfort and protection. Typically, the tool \*handle\* is formed with a \*hard\* \*core\* made up of one or more components. In manufacture, the \*core\* is rigidly attached to the blade and then placed in a mold and overmolded with a resilient coating, usually of a thermoplastic \*elastomer\*. In some instances, both the handle core and the blade are overmolded so as to... construction of the subject invention is especially suited to the application of a resilient overmolded \*covering\* to the \*handle\* alone or to the entire tool. In one preferred embodiment, the \*handle\* \*core\* sections forming the ergonomically shaped \*handle\* \*core\* are molded from a \*hard\*, durable plastic material that provides strength and rigidity to the tool once the \*handle\* \*core\* is secured to the blade. The outer layer overlying the \*handle\* \*core\* is molded from a relatively \*soft\*, resilient material that provides a comfortable, durable, attractive grip. To enhance the effectiveness of the...

7/3,K/52 (Item 2 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

0005258310 \*\*IMAGE Available

Derwent Accession: 2003-504553

**Contour pull scraper with stowable file**

Inventor: Donald Gringer, INV

Correspondence Address: LACKENBACH SIEGEL, One Chase Road, Scarsdale, NY, 10583, US

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	----	-----	-----
Main Patent	US 20030110641	A1	20030619	US 200122353	20011213

Fulltext Word Count: 4125

Summary of the Invention:

0014] The \*handle\* has a \*hard\* thermoplastic \*core\* and an \*elastomeric\* molded over \*soft\* \*grip\* \*cover\* for added comfort in repetitive scraping operations...

Description of the Invention:

...0043] \*Handle\* 11 has a \*hard\* thermoplastic \*core\* 51 and a relatively \*soft\* integrally molded over \*elastomeric\* \*cover\* 53. The thermoplastic \*core\* and \*elastomeric\* \*cover\* molding operations are well known in the screwdriver and knife \*handle\* art...

7/3,K/53 (Item 3 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

0005258239 \*\*IMAGE Available  
Derwent Accession: 2003-456030  
**SCRAPER WITH STOWABLE FILE**  
Inventor: Donald Gringer, INV  
Correspondence Address: LACKENBACH SIEGEL, One Chase Road, Scarsdale, NY,  
10583, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20030110570	A1	20030619	US 200121841	20011213

Fulltext Word Count: 4582

Summary of the Invention:

...0019] The \*handle\* is constructed of a \*hard\* plastic \*core\* and over molded with a relatively \*soft\* \*elastomeric\* \*cover\* for a secure hand \*grip\* portion and other hand distal end engagement portion, which \*elastomeric\* \*cover\* complements the afore-described construction...

Description of the Invention:

...0039] \*Handle\* 11 is formed from a \*hard\* thermoplastic \*core\* 70 and a molded over \*elastomeric\* \*cover\* 71, by means well known in the screwdriver and knife \*handle\* art. \*Cover\* 71 \*covers\* the proximately disposed hand \*grip\* portion 72 and the distally disposed \*cover\* portions 73, 74 and 75, as best shown in FIGS. 3 and 10. This \*elastomeric\* \*cover\* in combination with the afore-described handle contoured construction contributes to the degree of comfort...

Non-exemplary or Dependent Claim(s):

...3. The scraper of claim 2, said \*handle\* comprising a \*hard\* thermoplastic \*core\* and a molded around \*elastomeric\* \*cover\*.

7/3,K/54 (Item 4 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2003 The Dialog Corp. All rts. reserv.

0005217975 \*\*IMAGE Available  
Derwent Accession: 2000-256308  
**Hard/soft spoon products**  
Inventor: Nouri Hakim, INV  
Correspondence Address: Law Office of Morris E. Cohen, Esq., 1122 Coney  
Island Avenue, Suite 217, Brooklyn, NY, 11230-2345, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20030070303	A1	20030417	US 2002252754	20020923
Division	US 6453562			US 99353904	19990715
Provisional				US 60-97571	19980824

Fulltext Word Count: 4607

Description of the Invention:

...0020] Thus, \*handle\* 38 of spoon 7 includes an upper inner section 42 made of the \*hard\* material described above. \*Handle\* 38 is preferably

provided for gripping comfort with the \*soft\* material \*covering\* the bottom of the spoon. The \*hard\* material forms the edges of the spoon. \*Handle\* 38 further includes ribs 48 made of a \*soft\* material. Ribs 48 are preferably located on the \*inside\* edge of \*handle\* 38 and are applied to grooves 52 of the spoon, shown

7/3,K/55 (Item 5 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

0004992694 \*\*IMAGE Available

Derwent Accession: 2002-270335

**Electromotor construction and method**

Inventor: Gunther Martin, INV

Correspondence Address: JACOBSON HOLMAN PLLC, 400 SEVENTH STREET N.W. SUITE 600, WASHINGTON, DC, 20004, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020047330	A1	20020425	US 2001901631	20010711
Priority				DE 10033862332	20000712

Fulltext Word Count: 4531

**Summary of the Invention:**

...In accordance with the first recommended sequence, a first construction unit comprising a wound stator \*core\* and the circuit board provided with the electric lines is first inserted into the motor pot. Then the \*flexible\* electric lines are inserted into the guides of the housing \*cover\*. With the positioning of the motor \*cover\* relative to the motor housing being established by means of the \*bush\*, the motor \*cover\* is inserted into the motor housing. Then, the motor housing is filled with the \*hardenable\* plastic material through at least one opening in the motor housing, and finally the plastic...

7/3,K/56 (Item 6 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

0004946186 \*\*IMAGE Available

Derwent Accession: 2002-084541

**Child safety seat**

Inventor: Isamu Mori, INV

Manabu Takizawa, INV

Assignee: Combi Corporation (03), Tokyo, JP

Correspondence Address: ARMSTRONG, WESTERMAN, HATTORI, MCLELAND & NAUGHTON, LLP, 1725 K STREET, NW, SUITE 1000, WASHINGTON, DC, 20006, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020000743	A1	20020103	US 2001887090	20010625
Priority				JP 2000194610	20000628

Fulltext Word Count: 8524

Description of the Invention:

...4A, the mass of gel material 8 is introduced into a bag formed of the \*flexible\* film 10 such as of polyurethane, and the opening of introduction is shown as vacuum sealed at C. This prevents the loaded gel material 8 \*inside\* from running out. While a mass of gel material 8 is singly yielding and \*hard\* to be fixed in shape, \*covering\* or housing the mass of gel material 8 with a \*flexible\* film 10 in this manner makes it easy to \*handle\* the yieldable mass and also to work setting it in the child safety-seat main...

7/3,K/57 (Item 7 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4878251 \*\*IMAGE Available

Derwent Accession: 2003-456030

Utility

Scraper with stowable file

Inventor: Gringer, Donald, 800 Park Ave., New York, NY, 10021

Assignee: Unassigned

Examiner: Meislin, D. S. (Art Unit: 373)

Law Firm: Lackenbach Siegel LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6568087	A	20030527	US 200121841	20011213

Fulltext Word Count: 2713

Summary of the Invention:

...The \*handle\* is constructed of a \*hard\* plastic \*core\* and over molded with a relatively \*soft\* \*elastomeric\* \*cover\* for a secure hand \*grip\* portion and other hand distal end engagement portion, which \*elastomeric\* \*cover\* complements the afore-described construction...

Description of the Invention:

\*Handle\* 11 is formed from a \*hard\* thermoplastic \*core\* 70 and a molded over \*elastomeric\* \*cover\* 71, by means well known in the screwdriver and knife \*handle\* art. \*Cover\* 71 \*covers\* the proximately disposed hand \*grip\* portion 72 and the distally disposed \*cover\* -portions 73, 74 and 75, as best shown in FIGS. 3 and 10. This \*elastomeric\* \*cover\* in combination with the afore-described handle contoured construction contributes to the degree of comfort...

7/3,K/58 (Item 8 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4845554 \*\*IMAGE Available

Derwent Accession: 2002-270335

Utility

E/ Electromotor construction and method

Inventor: Martin, Gunther, Nuremberg, DE

Assignee: Buehler Motor GmbH (03), Nuremberg, DE

Buehler Motor GmbH DE

Examiner: Lam, Thanh (Art Unit: 284)

Law Firm: Jacobson Holman PLLC



	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6538350	A	20030325	US 2001901631	20010711
Priority				DE 10033862	20000712

Fulltext Word Count: 3154

Summary of the Invention:

...In accordance with the first recommended sequence, a first construction unit comprising a wound stator *\*core\** and the circuit board provided with the electric lines is first inserted into the motor pot. Then the *\*flexible\** electric lines are inserted into the guides of the housing *\*cover\**. With the positioning of the motor *\*cover\** relative to the motor housing being established by means of the *\*bush\**, the motor *\*cover\** is inserted into the motor housing. Then, the motor housing is filled with the *\*hardenable\** plastic material through at least one opening in the motor housing, and finally the plastic...

7/3,K/59 (Item 9 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4836614 \*\*IMAGE Available

Utility

M/ Multiple tool device

Inventor: Gringer, Donald, New York, NY

Cheng, Yuan Fang, Forest Hills, NY

Assignee: Allway Tools, Inc. (02), Bronx, NY

Allway Tools Inc

Examiner: Hail, III, Joseph J. (Art Unit: 373)

Assistant Examiner: Thomas, David B.

Law Firm: Gottlieb, Rackman & Reisman, P.C.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6530098	A	20030311	US 2001928794	20010813

Fulltext Word Count: 2656

Description of the Invention:

...The present invention also includes a method of manufacturing a tapping knife 10 having a *\*hard\** molded inner *\*core\** 29 *\*covered\** by a *\*soft\** overlay of injection molded rubber 27. Inner *\*core\** 29 is first molded in the shape of a *\*handle\** 15 where the mold is structured to create a cavity 21 open at a front end of the handle 15 running from the front end substantially completely through inner *\*core\** 29. Cavity 21 in inner core 29 narrows from the front of the handle to...

7/3,K/60 (Item 10 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4770668 \*\*IMAGE Available

Derwent Accession: 2003-074430

**Utility****M/ Ergonomic handle pry bar**

Inventor: Lawless, John C., Charlemont, MA

Assignee: Mayhew Steel Products, Inc. (02), Shelburne Falls, MA  
Mayhew Steel Products Inc

Examiner: Wilson, Lee D. (Art Unit: 373)

Law Firm: Lackenbach Siegel LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6471186	A	20021029	US 2001750	20011024

Fulltext Word Count: 2374

**Abstract:**

The pry bar has an ergonomic \*handle\* with a convex upper \*grip\* surface and a concave lower \*grip\* with an inner \*hard\* thermoplastic \*core\* and an outer \*elastomeric\* molded over \*cover\*, with the pry bar metal shank having an angularly disposed pry end. The curved upper \*grip\* surface portion is more distant from the handle longitudinal axis than the curved lower grip surface portion. The upper grip surface is formed with a distally disposed \*elastomeric\* ribbed thumb receiving recess. The handle sides are formed with elongated outwardly bulging palm engaging...

**Summary of the Invention:**

...It was generally known to provide an \*elastomeric\* molded around \*cover\* on a molded \*hard\* thermoplastic \*core\* for improved \*grip\* for knives, screwdrivers, and the like bladed tools. Such prior

**Description of the Invention:**

...in general terms, includes handle 11 and a fixedly attached metal bar or shank 12. \*Handle\* 11 has a proximate end 13 and a distal end 14. Shank 12 has a proximate end 15 and a distal end 16. \*Handle\* 11 is formed of a \*hard\* thermoplastic molded \*core\* 17 and a molded around integrally bonded \*elastomeric\* \*soft\* \*grip\* \*cover\* 18, wherein \*cover\* 18 is formed of relatively \*soft\* \*elastomeric\* material...The \*core\* may be formed of \*hard\* thermoplastic using and the \*cover\* may be formed of wft \*elastomeric\* material well known in the hand tool \*handle\* art

**Non-exemplary or Dependent Claim(s):**

...22. The \*handle\* of claim 21, said \*handle\* further comprising a \*hard\* thermoplastic \*core\* and an outer \*softer\* \*elastomeric\* integral \*cover\*.

**7/3,K/61 (Item 11 from file: 654)**

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4751505 \*\*IMAGE Available

Derwent Accession: 2000-256308

**Utility****M/ Baby spoons and method of manufacture**

Inventor: Hakim, Nouri E., 3030 Aurora Ave., Monroe, LA, 71201

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Peterson, Kenneth E. (Art Unit: 374)

Karen Lehman EIC 3600 25-Sep-03

Assistant Examiner: Sanchez, Omar Flores  
Combined Principal Attorneys: Cohen, Morris E.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6453562	A	20020924	US 99353904	19990715

Fulltext Word Count: 3049

Description of the Invention:

...Thus, \*handle\* 38 of spoon 7 includes an upper inner section 42 made of the \*hard\* material described above. \*Handle\* 38 is preferably provided for gripping comfort with the \*soft\* material \*covering\* the bottom of the spoon. The \*hard\* material forms the edges of the spoon. \*Handle\* 38 further includes ribs 48 made of a \*soft\* material. Ribs 48 are preferably located on the \*inside\* edge of \*handle\* 38 and are applied to grooves 52 of the spoon, shown in FIG. 5. The...

7/3,K/62 (Item 12 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2003 The Dialog Corp. All rts. reserv.

4703712 \*\*IMAGE Available  
Derwent Accession: 2000-640013

Utility

C/ Cermet tool and method for manufacturing the same  
; BONDING PHASE OF AT LEAST TWO IRON-GROUP METALS AND HARD PHASE OF  
CARBIDES, NITRIDES AND/OR CARBONITRIDES

Inventor: Abukawa, Kohei, Aichi, JP  
Assignee: NGK Spark Plug Co. Ltd. (03), Aichi, JP  
NGK Spark Plug Co Ltd JP (Code: 59548)  
Examiner: Turner, Archene (Art Unit: 175)  
Law Firm: Sughrue Mion, PLLC

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6410121	A	20020625	US 2000513171	20000225
Priority				JP 9951516	19990226
				JP 200028245	20000204

Fulltext Word Count: 4507

Description of the Invention:

...4, the cermet tool 1 includes a hard layer 11 which is very hard and \*covers\* the surface of the tool 1, and an \*interior\* portion 13 which is \*covered\* with and \*softer\* than the \*hard\* layer 11. FIG. 4 is a view of the cermet tool 1 as viewed from the side of the \*rake\* face 3, while the \*hard\* layer 11 of the \*rake\* face 3 is removed...

7/3,K/63 (Item 13 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2003 The Dialog Corp. All rts. reserv.

4694276 \*\*IMAGE Available  
Derwent Accession: 2000-648008

Utility

Karen Lehman EIC 3600 25-Sep-03

**M/ Steering wheel**

Inventor: Sugiyama, Toshiyuki, Shizuoka, JP  
Kaneko, Kazuhiro, Shizuoka, JP  
Yamada, Shuji, Shizuoka, JP  
Kato, Yuichi, Shizuoka, JP  
Assignee: Nihon Plast Co., Ltd. (03), Fuji, JP  
Nihon Plast Co Ltd JP (Code: 10089)  
Examiner: Kim, Chong H. (Art Unit: 362)  
Law Firm: Foley & Lardner

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6401567	A	20020611	US 2000523294	20000310
Priority				JP 9968846	19990315

Fulltext Word Count: 5912

**Description of the Invention:**

...to readily and firmly fix the first and second finishers 20 and 21 to the \*cover\* 8 which is \*softer\* and hence inadequate for direct fixing. There is no need for making the \*cover\* 8 \*hard\* to support the finishers 20 and 21. Therefore, the \*cover\* 8 can provide \*soft\* and pleasant feel to the surface of the rim \*grip\* 5. Moreover, it is possible to use, as the rim \*core\* 5a, ordinary cylindrical metal pipe without the necessity to modify the configuration of the rim \*core\* 5a for supporting the finishers. The first and second mount members 18 and 19 can...

**7/3,K/64 (Item 14 from file: 654)**

DIALOG(R) File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4524177

Derwent Accession: 2001-416932

**Utility**

**REASSIGNED**

**M/ Handle for trowel and related tools**

Inventor: Hamby, Mike, 1778 SE. Silkwood La., Lee's Summit, MO, 64063  
Meyer, Ronald G., 3100 W. 118th, Leawood, KS, 66211

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Sandy, Robert J. (Art Unit: 366)

Combined Principal Attorneys: McMahon, John C.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6247204	A	20010619	US 99397440	19990915

Fulltext Word Count: 3671

**Description of the Invention:**

...better show the internal structure; however this will normally not be the case once the \*cover\* 76 is in place. In particular, it is exploded in this situation to show the \*interior\* detail and positioning of the tang relative to the \*interior\* of the \*handle\* 2. The composition of the \*cover\* components 77 and 79 is preferably a \*soft\* polyurethane or the like with different durometers, as opposed to a \*harder\*, stiffer

polypropylene or the like construction for the shell 34. A preferred material of construction is a thermoplastic \*elastomer\* sold under the trademark Santopreme by Advanced \*Elastomer\* Systems. Preferably, the material of construction used in cover components 77 and 79 is somewhat ...

7/3,K/65 (Item 15 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2003 The Dialog Corp. All rts. reserv.

4449942 \*\*IMAGE Available  
Derwent Accession: 2001-235900

**Utility**

**C/ Soft touch automotive latch handle**

Inventor: Single, Arthur, Plymouth, MI  
Wichterman, Beth M., Ann Arbor, MI  
Malwitz, Daniel Ryan, Carleton, MI  
Heath, Gerald Arthur, Canton, MI  
Assignee: Visteon Global Technologies, Inc. (02), Dearborn, MI  
Visteon Global Technologies Inc (Code: 54748)  
Examiner: Loney, Donald (Art Unit: 172)  
Combined Principal Attorneys: Shelton, Larry I.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6180212	A	20010130	US 99340823	19990628

Fulltext Word Count: 2500

**Summary of the Invention:**

...A common way to make \*handle\* designs for a \*soft\* feel is to use a \*hard\*, rigid \*core\* element over which is laid a foam layer of about one-half inch or greater, and thereafter \*covering\* the entire assembly with a thin, \*flexible\* cover. Unfortunately, the foam layer introduces too much deflection and the finger movement required when...

7/3,K/66 (Item 16 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2003 The Dialog Corp. All rts. reserv.

4393564 \*\*IMAGE Available  
Derwent Accession: 1997-470716

**Utility**

**M/ Tool handle**

Inventor: Jansson, Conny, Enkoping, SE  
Himbert, Hans, Bromma, SE  
Bergkvist, H.ang.kan, Bromma, SE  
Assignee: Sandvik AB (03), Sandviken, SE  
Sandvik AB SE (Code: 73941)  
Examiner: Mah, Chuck Y. (Art Unit: 366)  
Law Firm: Burns, Doane, Swecker & Mathis, L.L.P.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6128808	A	20001010	US 98142611	19981207
PCT	WO 9733724		19970918	WO 97SE423	19970312
			371:19981207		

Fulltext Word Count: 802

## Abstract:

\*Handle\* for tools such as screwdrivers, comprising a \*core\* of \*hard\* plastic material around a metal shaft and a gripping surface (14) of \*soft\* material \*covering\* parts of the \*core\*, where the \*core\* within the regions covered by the gripping surface is made with a multitude of protruding lower blocks (17) with flat tops, and the \*soft\* material filling the space between lower blocks to the level of the tops of lower  
...

## Exemplary or Independent Claim(s):

1. \*Handle\* for tools, comprising a \*core\* of \*hard\* plastic material adapted to be attached around a metal shaft and a gripping surface of \*soft\* material \*covering\* parts of the \*core\*, characterized by having the core within the regions covered by the gripping surface made with a multitude of protruding lower blocks with essentially flat top, and by having the \*soft\* material filling the space between the lower blocks to essentially the same level as the...

7/3,K/67 (Item 17 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4034263 \*\*IMAGE Available

Derwent Accession: 1998-505002

## Utility

M/ Production of core/wrap yarns by airjet and friction spinning in tandem

Inventor: Sawhney, A. Paul S., Metairie, LA

Folk, Craig L., New Orleans, LA

Ruppenicker, George F., Kenner, LA

Assignee: The United States of America as represented by the Secretary of Agriculture (06), Washington, DC

U S of America Agriculture Secretary of (Code: 86512)

Examiner: Stryjewski, William (Art Unit: 371)

Combined Principal Attorneys: Silverstein, M. Howard; Fado, John D.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5802826	A	19980908	US 93102932	19930806

Fulltext Word Count: 3516

## Summary of the Invention:

...tandem system of the present invention both employ sliver as the starting material for the \*core\*, but the product produced by the present invention, in comparison to the prior art product, is much \*stronger\*, has a much \*softer\* fabric \*handle\*, is torque balanced, has no stripping problems during subsequent processing (e.g., weaving, knitting) has much improved \*core\* \*coverage\*, and can provide an English yarn count of 15 or greater (15-30) as well...

7/3,K/68 (Item 18 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3896214 \*\*IMAGE Available  
Derwent Accession: 1998-050921

**Utility**

**EXPIRED**

**M/ Composite metal and plastic handle**

Inventor: Howie, Jr., Robert K., Decatur, IL

Assignee: The Grigoleit Company (02), Decatur, IL

Grigoleit Co The (Code: 08550)

Examiner: Howell, Daniel W. (Art Unit: 329)

Assistant Examiner: Gurley, Donald M.

Law Firm: Dorn, McEachran, Jambor & Keating

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 5675867	A	19971014	US 95435581	19950505

Fulltext Word Count: 1968

**Abstract:**

A composite \*handle\* for a household appliance having a hollow metal \*core\* and an outer \*covering\* of a thermoplastic which \*covering\* may be \*soft\* or \*hard\*. The hollow metal \*core\* includes a hollow tubular center portion and flattened, channel-shaped legs and feet extending from ...

**Description of the Invention:**

...An injection molded thermoplastic forms an outer \*covering\* 41 around the metal \*core\* 21. The thermoplastic selected for a \*handle\* having a particular application will determine whether the \*handle\* will be considered as presenting a "\*\*soft\*\*" touch or a "\*\*hard\*\*" touch to a typical user. A thermoplastic of the type which will evoke a "\*\*soft\*\*" touch in a user is polyvinyl-chloride. Typical thermoplastics capable of providing a "hard" touch...

...is taken up by air space in the hollow tubular center portion 25 of the \*core\* 21 thereby reducing the amount of \*soft\* thermoplastic material required to form the outer \*covering\* 41. In the same manner, this invention reduced the amount of hard thermoplastic material required to form the outer \*covering\* when a "\*\*hard\*\*" touch or feeling is desired. This invention also permits the thickening of the outer \*covering\* encapsulating the \*core\* legs 29 and feet 27 to provide a substantial appearance to the entire \*handle\*. Although the thin-walled hollow metal \*core\* 21 is shown and described as formed of sheet metal bent into a hollow tubular...

7/3,K/69 (Item 19 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3666012 \*\*IMAGE Available  
Derwent Accession: 1995-402885

**Utility**

**EXPIRED**

**M/ Paint brush protective cover**

Inventor: Landmeier, Robert F., #2 Undine Dr., Thonotassasa, FL, 33592

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Moore, Chris K. (Art Unit: 345)

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5465453	A	19951114	US 94273310	19940711

Fulltext Word Count: 2075

Summary of the Invention:

...whereby the securing means are joined together. The user then fully inserts the paint brush \*handle\* into the \*handle\* opening of the \*hard\* \*cover\* whereby the bristles and the \*flexible\* \*cover\* are totally enclosed. To complete the task, the top lid of the \*hard\* \*cover\* is closed to lock the bristles of the paint brush \*inside\*.

7/3,K/70 (Item 20 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3535504 \*\*IMAGE Available

Derwent Accession: 1994-301915

**Utility**

M/ Polyurethane club with cylindrical core

Inventor: Frederiksen, Torben, 1680 N. Olive St., Ventura, CA, 93001

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Layno, Benjamin H. (Art Unit: 334)

Assistant Examiner: Pierce, William M.

Combined Principal Attorneys: Jacobs, Marvin E.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5348296	A	19940920	US 9397452	19930723

Fulltext Word Count: 1828

Description of the Invention:

...in FIG. 7. The billy club 80 has a cylindrical fiber-reinforced synthetic resin composite \*core\* 82 shown in dotted lines, preferably formed by pultrusion and having parallel reinforcement fibers. A cylindrical sleeve 84 of an \*elastomer\* having a Shore A \*hardness\* from 60-80 is received on the upper end of the rod 82. A high friction \*grip\* \*handle\* \*cover\* 86 such as a spiral wound \*grip\* is received on the lower end. The end of the rod below the grip 86...

7/3,K/71 (Item 21 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3094660 \*\*IMAGE Available

Derwent Accession: 1990-273935

**Utility**

**EXPIRED**

M/ Door assembly with pull and handle concealed by door trim panel

Inventor: Elton, Robert D., Ann Arbor, MI



Assignee: Hoover Universal, Inc. (02), Ann Arbor, MI  
Hoover Universal Inc (Code: 39872)  
Examiner: Kannan, Philip C. (Art Unit: 358)  
Law Firm: Harness, Dickey & Pierce

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4949508	A	19900821	US 90473415	19900201

Fulltext Word Count: 2375

Description of the Invention:

...associated therewith. The door assembly provides a simplified assembly process having fewer components and attaching \*hardware\* while producing a finished look without screw \*covers\* or other trim parts. The latch \*handle\* and door pull can be fully assembled and the door \*interior\* components tested before the trim panel is attached. In addition, greater styling \*flexibility\* is possible as a result of the handle and door pull no longer being visual...

7/3,K/72 (Item 22 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3027139 \*\*IMAGE Available

Derwent Accession: 1990-057867

Utility

REASSIGNED, EXPIRED

M/ Unitary contiguous face and neck protector all weather cover for hard head gear

Inventor: Daniels, Darleen, P.O. Box 1221, Port Neches, TX, 77651

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Schroeder, Werner H. (Art Unit: 247)

Assistant Examiner: Chapman, Jeanette E.

Combined Principal Attorneys: Theibault, A. Robert

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4887319	A	19891219	US 88248947	19880921

Fulltext Word Count: 902

Description of the Invention:

...stretchable nylon 11, having a backing liner of thermally insulated material 12 secured to its \*interior\* by lines of stitching 13. The border of the \*cover\* 10 has stitched about its outer boundaries a water proof \*elastic\* piping 14, causing the \*cover\* 10 to resiliently \*grip\* the crown of the \*hard\* hat 15 and the face and neck of the wearer at 16, 17 to provide a substantially draft proof weather seal between the \*cover\* 10 and the face 18 of the wearer...

7/3,K/73 (Item 23 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2868205 \*\*IMAGE Available  
Derwent Accession: 1987-015720

**Utility**

M/ **Screwdriver handgrip having harder and softer zones**

Inventor: Bandera, Jan-Eric, Stuttgart, DE  
Kern, Peter, Stuttgart, DE  
Schindhelm, Roland, Stuttgart, DE  
Solf, Johannes, Sindelfingen, DE  
Lieser, Karl, Wuppertal, DE

Assignee: Wera Werk Hermann Werner GmbH & Co. (03), DE  
WERA WERK HERMANN WERNER GMBH AND CO DE

Examiner: Silverberg, Fred (Art Unit: 325)

Law Firm: Wood, Herron & Evans

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4739536	A	19880426	US 86882342	19860707
Priority				DE 3525163	19850713
				EP 86108371	19860619

Fulltext Word Count: 3863

**Summary of the Invention:**

...is disclosed in U.S. Pat. No. 2,871,899. The outside surface of the \*handle\* there shown includes, as viewed in its longitudinal direction, successive gripping zones of \*harder\* and \*softer\* materials. This is accomplished by \*flexible\* body sheathing \*covering\* a partial length of the cylindrical \*handle\* body, with the end area toward the tool amounting to about one-third of the overall length being exposed as a \*harder\* gripping zone. To secure it in place, the applied sleeve-type sheathing includes projections which are located \*inside\* and are aligned axially with corresponding grooves of the \*handle\* \*core\*. Such a sheathing of rubber-like material, which can be considered as a substantially complete...

7/3,K/74 (Item 24 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2845079 \*\*IMAGE Available

Derwent Accession: 1988-028198

**Utility**

M/ **Hammer head for a hammer**

Inventor: Yamaguchi, Toshihiko, 4-1, Uenoshibacho 4 cho, Sakai-shi, Osaka  
593, JP

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Schmidt, Frederick R. (Art Unit: 323)

Assistant Examiner: Hartman, Judy J.

Law Firm: Wenderoth, Lind & Ponack

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4718313	A	19880112	US 86909195	19860919
Priority				JP 4944348\U	19860325

Fulltext Word Count: 3765

Description of the Invention:

...The remainder of the hammer of the present invention comprises a \*cover\* 24 of synthetic resin having a relatively high degree of \*hardness\* surrounding a metallic pipe which forms the \*core\* of the helve 4, the \*cover\* 24 being provided adjacent the head of the hammer. Also, a \*grip\* 25 of gummy \*elastic\* material is provided around the metallic pipe forming the \*core\* of the helve 4 at the rearmost portion thereof...

7/3,K/75 (Item 25 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2803467 \*\*IMAGE Available

Derwent Accession: 1987-213307

Utility

M/ Set of golf clubs

Inventor: Hull, Donald R., 5011/2 Hickory St., Perrysburg, OH, 43551

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Marlo, George J. (Art Unit: 334)

Law Firm: Emch, Schaffer, Schaub & Porcello Co.

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4679791	A	19870714	US 84676517	19841129

Fulltext Word Count: 4821

Summary of the Invention:

...problems resulting from the improper location of the center of gravity on existing clubs. The \*grip\* is composed of a \*hard\* inner \*core\* and a \*soft\* compressible outer \*cover\* which deforms to fit the contour of the golfer's hands. The configuration of the \*grip\* is such that the top and bottom are rounded and the sides of the grip...

7/3,K/76 (Item 26 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2801395 \*\*IMAGE Available

Derwent Accession: 1987-205529

Utility

EXPIRED

M/ Automotive body tool

Inventor: Kellogg, Joseph A., Suisun City, CA

Prather, James E., Fairfield, CA

Assignee: Non Mar, Inc. (02), Fairfield, CA

NON MAR INC

Examiner: Kazenske, E. R. (Art Unit: 324)

Assistant Examiner: Smith, Scott A.

Law Firm: Lothrop & West

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4677840	A	19870707	US 86818585	19860114

Fulltext Word Count: 1745

Description of the Invention:

Whereas the cast iron \*core\* provides inertia so as to preclude displacement and bouncing as swaging occurs, a thick layer 31 of an \*elastomeric\* material, such as rubber having a Durometer 40 \*hardness\*, entirely \*covers\* the \*core\* to prevent marring of the new skin and afford a firm \*grip\* on the tool...

7/3,K/77 (Item 27 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2470735 \*\*IMAGE Available

Derwent Accession: 1983-C7728K

Utility

M/ Multi-purpose turning tool

Inventor: Whiteford, Carl, 3 High Point Rd., Westport, CT, 06880

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Jones, Jr., James L. (Art Unit: 323)

Combined Principal Attorneys: Wittstein, Martin D.

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 4372361	A	19830208	US 80151368	19800519

Fulltext Word Count: 4393

Description of the Invention:

...multi-purpose turning tool generally designated by the reference numeral 10, the tool having a \*handle\* generally designated by the reference numeral 12 and a shank generally designated by the reference numeral 14. The \*handle\* 12 comprises a \*core\* 16 formed of a suitable \*hard\* material such as aluminum or polycarbonate plastic and a resilient \*covering\* 18 formed of any of a variety of suitable rubber or rubber-like materials having the desired characteristics of \*flexibility\*, toughness and wearability the covering 18, as described below in more detail, provides a directionally...

7/3,K/78 (Item 28 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2352494 \*\*IMAGE Available

Derwent Accession: 1981-E5981D

Utility

M/ Brush

Inventor: Pakarnseree, Seree, Seree Clinic, 885 Sukhumvit 49, Bangkok, TH

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Moore, Christopher K. (Art Unit: 242)

Law Firm: Birch, Stewart, Kolasch & Birch

Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent US 4263691 A 19810428 US 7918181 19790307

Fulltext Word Count: 1124

Description of the Invention:

...FIGS. 1 and 2 show a toothbrush constructed according to the invention. The \*toothbrush\* has bristles 11 mounted in a rigid \*handle\* 12. The \*handle\* 12 comprises a \*core\* 13 of a rigid material, for example a metal or \*hard\* thermoplastic or metal \*covered\* with \*hard\* thermoplastic 22, and a \*covering\* 14 of an \*elastomer\*. The \*covering\* 14 can be of \*soft\* thermoplastic material, such as ethylene vinyl acetate co-polymers, polyethylene or poly-vinyl chloride, or...

7/3,K/79 (Item 29 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2296722 \*\*IMAGE Available

Derwent Accession: 1980-G5422C

Utility

M/ Spreading tool

Inventor: Pedroso, Rosa M., 4120 S.W. 96th Ave., Miami, FL, 33165

Pedroso, Raul I., 4120 S.W. 96th Ave., Miami, FL, 33165

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Examiner: Burr, Edgar S. (Art Unit: 337)

Assistant Examiner: Bratlie, Steven A.

Law Firm: Oltman and Flynn

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4211501	A	19800708	US 78957571	19781103

Fulltext Word Count: 2780

Abstract:

Disclosed is a tool for use in spreading \*soft\*, malleable materials along an inner corner formed by angular surfaces. The tool has a relatively \*hard\* \*core\* and an \*elastomeric\* \*covering\* on the \*core\* together forming a spreading nose for the tool. The tool has a \*handle\* for the spreading nose. The \*elastomeric\* \*covering\* is a \*soft\*, resilient material so that it will seal against the angular surfaces of the inner corner...

7/3,K/80 (Item 30 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

2018325 \*\*IMAGE Available

Derwent Accession: 1976-D7349X

Utility

M/ Apparatus for polymetrically developing muscalutture and maintaining physical fitness

Inventor: Pfothenhauer, James Michael, 1302 N. 19th St., Escanaba, MI, 49829

Assignee: Unassigned

UNASSIGNED OR ASSIGNED TO INDIVIDUAL (Code: 68000)

Karen Lehman EIC 3600 25-Sep-03

Examiner: Pinkham, Richard C. (Art Unit: 334)  
Assistant Examiner: Taylor, Joseph R.  
Law Firm: Burns, Doane, Swecker & Mathis

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 3948513	A	19760406	US 74467589	19740506

Fulltext Word Count: 12709

Description of the Invention:

...an exercising routine. In the embodiment illustrated, the harness takes the form of a padded \*handle\* formed by a loop in the tether. If the harness takes the form of a padded \*handle\*, the portion of the tether constituting the loop may be \*covered\* with a \*hard\* \*core\* of material such as vinyl and the \*core\* may be tightly wrapped with a \*soft\* material so that the \*handle\* can be comfortably grasped by the user. Other harnesses may also be used. For instance...

7/3,K/81 (Item 1 from file: 714)  
DIALOG(R)File 714:(Baltimore) The Sun  
(c) 2003 Baltimore Sun. All rts. reserv.

07684127

**THANKS TO NEW EQUIPMENT, YOU CAN MAKE THE SAFE CALL**  
BALTIMORE MORNING SUN (BS) - Sunday July 3, 1994  
By: Jamison Hensley Contributing Writer  
Edition: Final Section: Sports Page: 9C  
Word Count: 409

...that lessens the blow against the body.

The D-9 ball, which also has the \*softer\* outside, is smaller so kids can get a better \*grip\*.

Other types of balls have a \*hard\* outside \*cover\* but are safe because of a cushion cork or \*soft\* rubber \*core\*..

A new product that needs to be specially ordered at sporting goods stores is the heart guard, a \*covering\* 6 inches by 6 inches that is strapped around the shoulder. The heart guard is...

7/3,K/82 (Item 2 from file: 714)  
DIALOG(R)File 714:(Baltimore) The Sun  
(c) 2003 Baltimore Sun. All rts. reserv.

06794233

**PC PRICE WARS IN JAPAN CUT-RATE DESKTOP ELECTRIFIES MARKET**  
BALTIMORE MORNING SUN (BS) - Tuesday, October 20, 1992  
By: John E. Woodruff Tokyo Bureau  
Edition: Final Section: Financial Page: 11B  
Word Count: 957

...to each outlet.

So with costly two-page, full-color ads already running on the \*inside\* \*covers\* of some Japanese computer magazines, the worry is that interest

might peak before the stock arrives.

Until DOS/V, most bilingual desktops here used \*hardware\* rather than \*software\* to \*handle\* the Japanese-language part of their work. The standard way was to add a Japanese...

7/3,K/83 (Item 1 from file: 781)  
DIALOG(R)File 781:ProQuest Newsstand  
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11596687 TPKA2003040904D5C6A5 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Taste of Home readers help design cookware**

Capital-Journal

Topeka Capital-Journal, MTB ED, P A18

Sunday, April 13, 2003

DOCUMENT TYPE: Newspaper, Medium LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: A

Word Count: 249

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...features extra-thick aluminum bottoms for even heat conduction and an easy-to-clean nonstick \*interior\* that is \*hardy\* enough to stand up to metal utensils.

The pans' enamel exterior resists chipping to stay new-looking longer.

Taste of Home Cookware features stay-cool \*soft\*-\*grip\* \*handles\* that accommodate both left-handed and right-handed cooks in cushioned comfort. Distinctive see-through \*covers\* made from glass and stainless steel add convenience and style.

Taste of Home Cookware sets...

7/3,K/84 (Item 2 from file: 781)  
DIALOG(R)File 781:ProQuest Newsstand  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

05867033 JFTU147687 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Clinton now often described as more at ease, more reflective**

Associated Press

Florida Times-Union, CITY ED, P H-7

Sunday, October 24, 1999

DOCUMENT TYPE: Newspaper, Large LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: INSIGHT

Word Count: 1,220

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Clinton, according to three people who have talked politics with him recently, is galled that \*Bush\* is ahead ...has been able to project a public image of moderation, despite what Clinton believes are \*hard\*-\*core\* conservative positions. He is disdainful, too, of what he regards as the \*softball\* news \*coverage\* of \*Bush\*, comparing it to the harsh scrutiny he received and attributing the difference to an elitist...

7/3,K/85 (Item 1 from file: 994)  
DIALOG(R)File 994:NewsRoom 2001  
(c) 2003 The Dialog Corporation. All rts. reserv.

0316056349 15KS1ROW

**Is KC on a fast track?**

Dean, Rick

Topeka Capital Journal (KS), pF.7

Saturday, September 1, 2001

JOURNAL CODE: ANRX LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper ISSN: 1067-1994

WORD COUNT: 2,266

...Donnie Edwards is an attacker waiting to be unleashed after being used heavily in pass \*coverage\* last year. Ageless Marvcs Patton is a still-capable banger who must support the \*soft\* middle of the \*interior\* line. If revitalized Lew \*Bush\* can effectively \*handle\* tight ends in regular defenses, this group can be pretty good.

Special teams

Kicks just keep getting \*harder\* to find --- Kicker Todd Peterson seems fully recovered from the groin injury that cost him...

7/3,K/86 (Item 2 from file: 994)  
DIALOG(R)File 994:NewsRoom 2001  
(c) 2003 The Dialog Corporation. All rts. reserv.

0202032314 15AN0ZKT

**Working Lives: A wolf in sheep's fittings: With a new president comes new office decor for the White House. But the peaches and cream scheme doesn't fool Jonathan Glancey**

JONATHAN GLANCEY

Guardian

Wednesday, January 24, 2001

JOURNAL CODE: ARFF LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper

WORD COUNT: 842

...No perverts or radicals here. Not sure about dogs.

As an exercise in re- imaging \*Bush\* as a caring, compassionate politician, will this \*soft\*, sexless, pastel-shaded, post-Clinton \*interior\* take anyone in? The new-look Oval Office is rather like an electric chair \*covered\* in plush or a death-row cell in Texas being given the once-over by Nicky Haslam.

For a man who has tried \*hard\* to prove how macho he is, the peaches-and-cream trick is particularly unconvincing. If...  
?



	<b>Type</b>	<b>L #</b>	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>2</b>	<b>BRSL2</b>		<b>115</b>	<b>"handle" and ("soft core" or "softer core" or "soft center" or "softer center")</b>	<b>USPAT</b>
<b>3</b>	<b>BRSL3</b>		<b>51</b>	<b>"toothbrush" and "sheath" and "core"</b>	<b>USPAT</b>

	Time Stamp	Error Confirmation		
2	2003/09/23 12:52			0
3	2003/09/23 13:03			0